

Converting Colors

XYZ(74.0385, 90.3566, 54.2258)

Have a look what the booklet for
XYZ(74.0385, 90.3566, 54.2258)
contains.

XYZ(73.9293, 90.3031, 54.0912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9293, 90.3031,
54.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFAF
RGB	223, 255, 175
RGB Percent	87%, 100%, 69%
CMY	0.1255, 0.0000, 0.3137
CMYK	0.13, 0.00, 0.31, 0.00
HSL	84°, 100%, 84%
HSV	84°, 31%, 100%
XYZ	73.9293, 90.3031, 54.0912
YIQ	236.3120, 6.6080, -31.6640

Conversions

Conversions Part 2

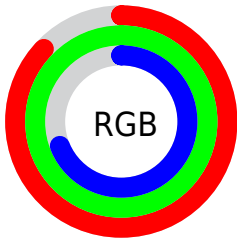
Format	Color
RYB	175, 255, 207
Decimal	14679983
CIELab	96.12, -23.46, 34.92
CIElCh	96, 42.063, 123.894
Yxy	90.3031, 0.3386, 0.4136
Android (android.graphics.Color)	4292870063 (0xFFDFFFAF)
YUV	236.3120, -30.2268, -11.6746
Hunter-Lab	95.0279, -27.4305, 32.7709

Details

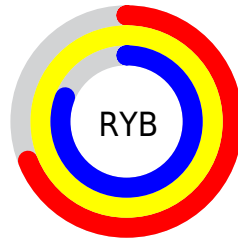
The XYZ color **73.9293, 90.3031, 54.0912** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.1131, 51.1466, 101.3644**, and the grayscale version is **80.1882, 84.3642, 91.8726**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **39.6433, 50.0088, 25.9756** is the 20% darker color. If you saturate the color by 10%, you get **68.6078, 87.8223, 41.9800**, and if you desaturate by 10%, it is **79.9140, 93.0711, 68.7046**.

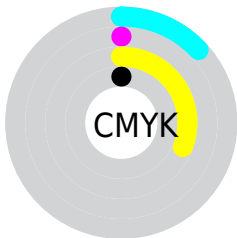
Distribution



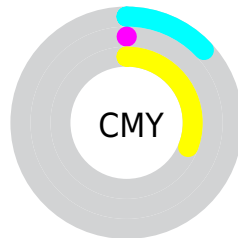
- Red (87%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9293, 90.3031, 54.0912 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.9293, 90.3031, 54.0912 by changing the saturation by 10% instead.

 73.9293, 90.3031,
54.0912

 73.9293, 90.3031,
54.0912


463.2834,
529.0163, 419.6421

 55.0273, 68.2321,
38.2809


 123.7916,
147.7593, 97.6659

 39.6575, 50.0866,
25.8973


155.4826,
183.9133, 126.2674

 27.4546, 35.4822,
16.5217


192.1673,
225.5304, 159.9697

 18.0533, 24.0345,
9.7357

234.2110,
272.9950, 199.1913

 11.0882, 15.3592,
5.1208

281.9791,
326.6915, 244.3508

 6.1939, 9.0719,
2.2583

335.8370,

 3.0051, 4.7881,

387.0043, 295.8668

0.7077

396.1500,
454.3178, 354.1577

■ 1.1565, 2.1235,
0.0000

■ 0.0716, 0.6778,
0.0000

■ 73.9293, 90.3031,
54.0912

■ 73.9293, 90.3031,
54.0912

■ 68.6078, 87.8223,
41.9800

■ 79.9140, 93.0711,
68.7046

■ 63.9181, 85.6158,
32.2263

■ 86.5885, 96.1372,
85.9460

■ 59.8281, 83.6702,
24.6768

■ 93.9791, 99.5124,
105.9373

■ 56.3014, 81.9705,
19.1583

■ 95.0500, 100.0000,
108.9000

■ 53.2965, 80.5000,
15.4718

■ 50.7645, 79.2384,
13.3782

■ 48.8966, 78.2922,
12.5348

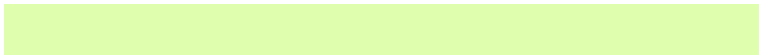
Harmonies

Analogous

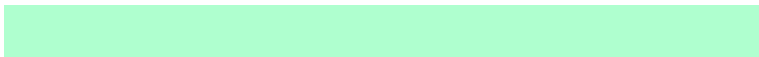
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3172, 90.3031, 47.1846



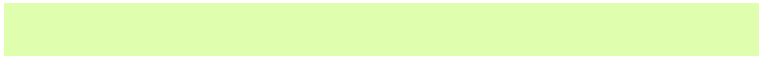
73.9293, 90.3031, 54.0912



67.2375, 90.3031, 72.7000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9293, 90.3031, 54.0912



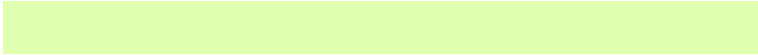
76.3418, 90.3031, 167.9560



110.1875, 90.3031, 94.0296

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.9293, 90.3031, 54.0912



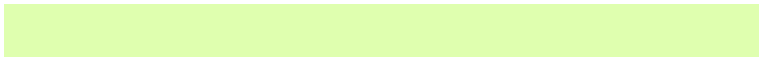
59.1131, 51.1466, 101.3644

Split Complementary

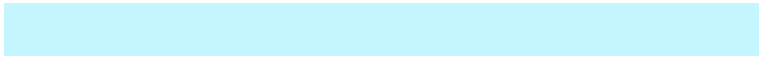
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.5691, 90.3031, 129.3577



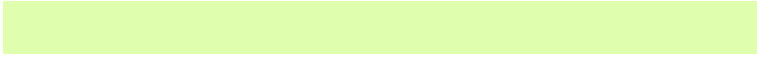
73.9293, 90.3031, 54.0912



87.3615, 90.3031, 177.2676

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9293, 90.3031, 54.0912



68.5393, 90.3031, 138.6366



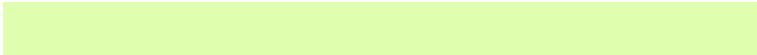
98.9447, 90.3031, 161.8034



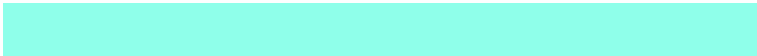
105.8094, 90.3031, 66.6993

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9293, 90.3031, 54.0912



65.4193, 90.3031, 91.6549



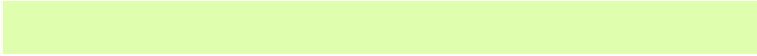
98.9447, 90.3031, 161.8034



110.0985, 90.3031, 105.3106

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.9297, 90.3033, 54.0925



88.2755, 96.9093, 90.4339



71.2913, 68.9816, 50.1161



18.6720, 20.6407, 18.7633



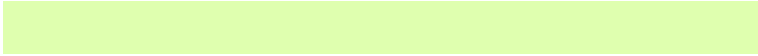
0.0000, 0.0000, 0.0000



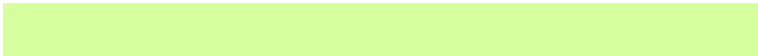
20.3446, 21.4041, 23.3091

Same Dimension

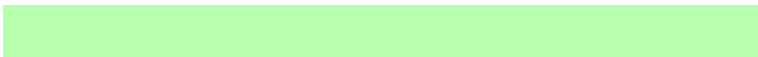
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9297, 90.3033, 54.0925



70.3299, 88.6275, 45.7929



63.0271, 84.6828, 53.5823



18.8170, 20.7071, 19.1494



25.7226, 40.9986, 6.5578



2.6279, 4.0555, 0.6443

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.1131, 51.1466, 101.3644



53.2834, 43.5593, 100.2072



71.7383, 57.6551, 101.9553



17.6907, 17.7323, 22.7402



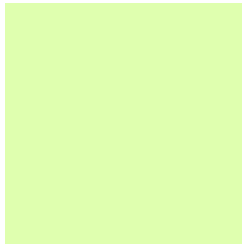
12.4520, 5.3297, 49.8070



1.3317, 0.5804, 4.8551

Previews

White Background



This preview shows how the XYZ color 73.9293, 90.3031, 54.0912 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.9293, 90.3031, 54.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

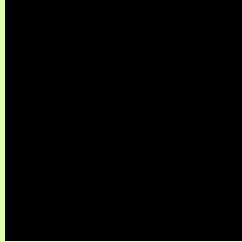
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

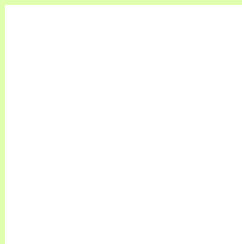
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9293, 90.3031, 54.0912

Background



This preview shows how black text looks on a background with the XYZ color 73.9293, 90.3031, 54.0912.

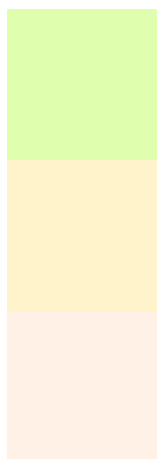


This preview shows how white text looks on a background with the XYZ color 73.9293, 90.3031,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.9293, 90.3031, 54.0912

Protanopia

84.1897, 89.7208, 70.0073

Deuteranopia

86.9782, 89.8838, 87.6280



Tritanopia

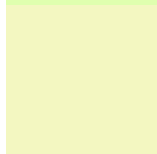
85.9973, 90.2721, 107.4995

Trichromacy



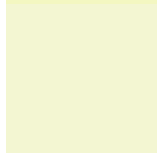
Original Color

73.9293, 90.3031, 54.0912



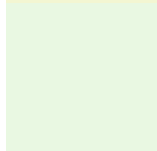
Protanomaly

79.8486, 89.4265, 63.5046



Deuteranomaly

81.5508, 89.6194, 73.9728



Tritanomaly

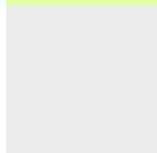
80.8991, 89.9494, 85.0496

Monochromacy



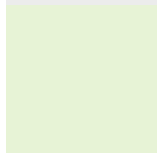
Original Color

73.9293, 90.3031, 54.0912



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1432, 85.9451, 76.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9293, 90.3031, 54.0912 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 175) }
```

Border

The CSS property to change the border of an element to XYZ 73.9293, 90.3031, 54.0912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 255, 175) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 255, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9293, 90.3031, 54.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
255, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor