

Converting Colors

XYZ(78.9959, 92.9150, 54.3289)

Have a look what the booklet for
XYZ(78.9959, 92.9150, 54.3289)
contains.

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Color

**XYZ(79.0945, 92.9659,
54.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFAF
RGB	239, 255, 175
RGB Percent	94%, 100%, 69%
CMY	0.0627, 0.0000, 0.3137
CMYK	0.06, 0.00, 0.31, 0.00
HSL	72°, 100%, 84%
HSV	72°, 31%, 100%
XYZ	79.0945, 92.9659, 54.3329
YIQ	241.0960, 16.1440, -28.2720

Conversions

Conversions Part 2

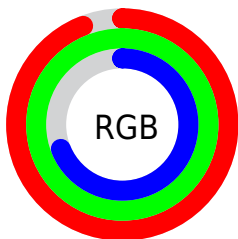
Format	Color
RYB	175, 255, 191
Decimal	15728559
CIELab	97.21, -17.69, 36.56
CIELCh	97, 40.618, 115.823
Yxy	92.9659, 0.3494, 0.4106
Android (android.graphics.Color)	4293918639 (0xFFEFFFFAF)
YUV	241.0960, -32.5853, -1.8382
Hunter-Lab	96.4188, -22.3054, 34.0827

Details

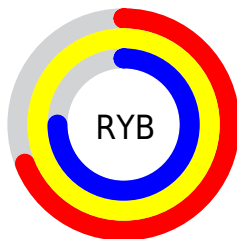
The XYZ color **79.0945, 92.9659, 54.3329** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **54.8668, 48.9575, 101.1657**, and the grayscale version is **83.9235, 88.2941, 96.1522**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **42.9983, 51.7384, 26.1326** is the 20% darker color. If you saturate the color by 10%, you get **75.1240, 91.1816, 42.2849**, and if you desaturate by 10%, it is **83.5873, 94.9647, 68.8765**.

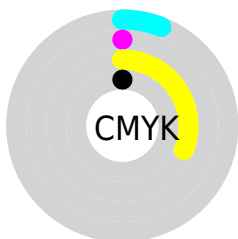
Distribution



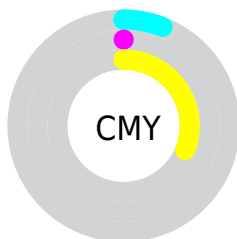
- Red (94%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0945, 92.9659, 54.3329 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 79.0945, 92.9659, 54.3329 by changing the saturation by 10% instead.


 79.0945, 92.9659,
54.3329

 79.0945, 92.9659,
54.3329


480.6591,
537.6323, 420.5886

 59.2794, 70.4432,
38.4729


 131.0491,
151.4514, 98.0242

 43.0853, 51.8879,
26.0452


163.9193,
188.1830, 126.6925

 30.1469, 36.9157,
16.6314


201.8720,
230.4196, 160.4674

 20.0987, 25.1423,
9.8129

245.2724,
278.5456, 199.7674

 12.5755, 16.1831,
5.1711

294.4860,
332.9455, 245.0109

 7.2119, 9.6538,
2.2875

349.8781,

 3.6425, 5.1700,

394.0037, 296.6166

0.7242

411.8140,
462.1045, 355.0030

■ 1.5019, 2.3474,
0.0000

■ 0.3271, 0.7986,
0.0000

■ 79.0945, 92.9659,
54.3329

■ 79.0945, 92.9659,
54.3329

■ 75.1240, 91.1816,
42.2849

■ 83.5873, 94.9647,
68.8765

■ 71.6477, 89.6005,
32.5880

■ 88.6262, 97.1877,
86.0413

■ 68.6361, 88.2108,
25.0889

■ 94.2350, 99.6443,
105.9492

■ 66.0560, 86.9992,
19.6148

■ 95.0500, 100.0000,
108.9000

■ 63.8692, 85.9504,
15.9666

■ 62.0300, 85.0459,
13.9054

■ 60.6618, 84.3573,
13.0854

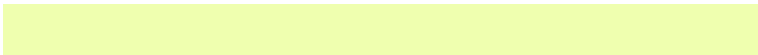
Harmonies

Analogous

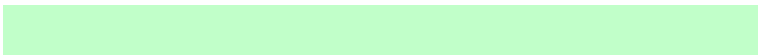
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9781, 92.9659, 50.3763



79.0945, 92.9659, 54.3329



71.3356, 92.9659, 69.7148

Triad

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



79.0945, 92.9659, 54.3329



76.5373, 92.9659, 163.0178



112.2441, 92.9659, 105.8965

Complementary

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



79.0945, 92.9659, 54.3329



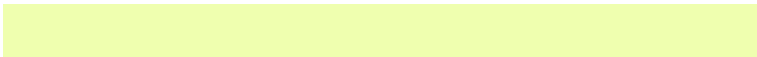
54.8668, 48.9575, 101.1657

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.



107.9010, 92.9659, 141.0319



79.0945, 92.9659, 54.3329



86.7640, 92.9659, 178.2303

Square

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



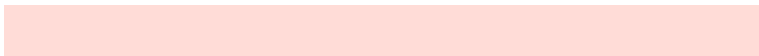
79.0945, 92.9659, 54.3329



69.9513, 92.9659, 131.3197



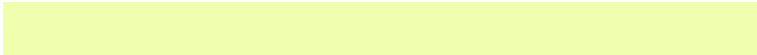
98.3250, 92.9659, 169.4233



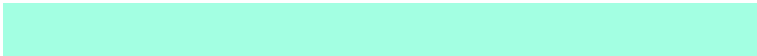
109.7474, 92.9659, 76.1183

Rectangle

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



79.0945, 92.9659, 54.3329



68.6490, 92.9659, 86.5232



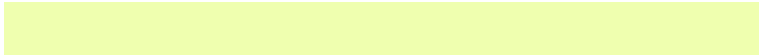
98.3250, 92.9659, 169.4233



111.5262, 92.9659, 117.5023

Sweetspot

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



79.0949, 92.9660, 54.3342



89.9040, 97.7489, 90.5101



67.6093, 61.6177, 48.8887



19.0746, 20.8483, 18.7821



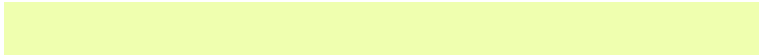
0.0000, 0.0000, 0.0000



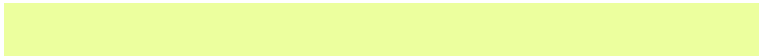
20.3446, 21.4041, 23.3091

Same Dimension

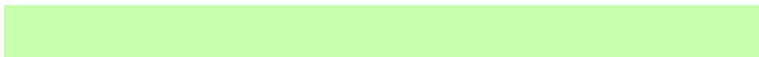
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0949, 92.9660, 54.3342



76.4062, 91.7599, 46.0773



67.0518, 86.7576, 53.7706



19.1844, 20.8965, 19.1666



31.8222, 44.1430, 6.8433



3.1846, 4.3425, 0.6703

Inverse Universe

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



54.8668, 48.9575, 101.1657



48.5349, 41.1114, 99.9850



66.3357, 54.8700, 101.7024



17.3422, 17.5526, 22.7239



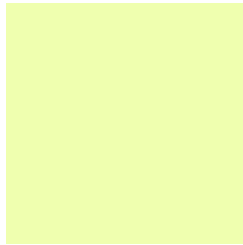
10.2401, 4.1894, 49.7035



1.0806, 0.4510, 4.8434

Previews

White Background



This preview shows how the XYZ color 79.0945, 92.9659, 54.3329 looks on a white background.

Color Contrast Check

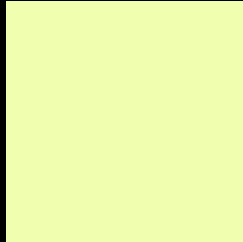
Large Text (above 18pt) WCAG AA × Fail

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 79.0945, 92.9659, 54.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

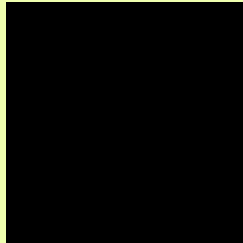
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0945, 92.9659, 54.3329

Background



This preview shows how black text looks on a background with the XYZ color 79.0945, 92.9659, 54.3329.



This preview shows how white text looks on a background with the XYZ color 79.0945, 92.9659,

Color Blindness Simulation

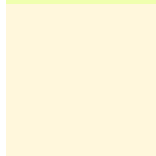
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



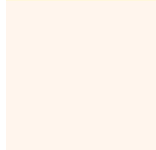
Original Color

79.0945, 92.9659, 54.3329



Protanopia

87.4190, 92.9488, 81.0436



Deuteranopia

89.1785, 92.6792, 93.3094

Tritanopia

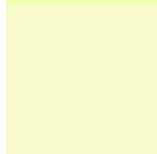
89.7693, 92.6646, 107.7624

Trichromacy



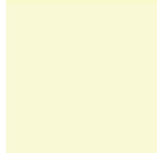
Original Color

79.0945, 92.9659, 54.3329



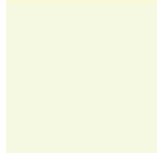
Protanomaly

84.1516, 92.8706, 70.6173



Deuteranomaly

85.0802, 92.7461, 77.0359



Tritanomaly

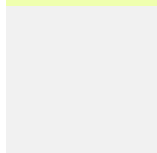
85.2593, 92.6548, 85.3420

Monochromacy



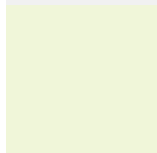
Original Color

79.0945, 92.9659, 54.3329



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.4153, 89.4466, 78.6195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0945, 92.9659, 54.3329 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(239, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 175) }
```

Border

The CSS property to change the border of an element to XYZ 79.0945, 92.9659, 54.3329 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(239, 255, 175) }
```


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

```
.border{ border-color:rgb(239, 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(239, 255, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0945, 92.9659, 54.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 175) }
```

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

```
.background{ background-color: rgb(239,  
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](#).

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