

Converting Colors

XYZ(76.4502, 92.5086, 53.5340)

Have a look what the booklet for
XYZ(76.4502, 92.5086, 53.5340)
contains.

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Color

**XYZ(75.9360, 91.3601,
53.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFAD
RGB	230, 255, 173
RGB Percent	90%, 100%, 68%
CMY	0.0980, 0.0000, 0.3216
CMYK	0.10, 0.00, 0.32, 0.00
HSL	78°, 100%, 84%
HSV	78°, 32%, 100%
XYZ	75.9360, 91.3601, 53.1672
YIQ	238.1770, 11.4220, -30.8020

Conversions

Conversions Part 2

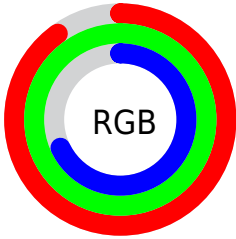
Format	Color
RYB	173, 255, 198
Decimal	15138733
CIELab	96.56, -21.21, 36.57
CIELCh	97, 42.280, 120.113
Yxy	91.3601, 0.3444, 0.4144
Android (android.graphics.Color)	4293328813 (0xFFE6FFAD)
YUV	238.1770, -32.1323, -7.1712
Hunter-Lab	95.5825, -25.4591, 33.9280

Details

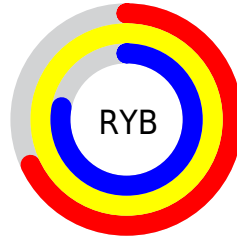
The XYZ color **75.9360, 91.3601, 53.1672** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **56.2833, 49.1142, 101.1213**, and the grayscale version is **81.6394, 85.8910, 93.5353**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **41.0398, 50.7429, 25.4006** is the 20% darker color. If you saturate the color by 10%, you get **71.2595, 89.2077, 41.2740**, and if you desaturate by 10%, it is **81.1955, 93.7587, 67.5483**.

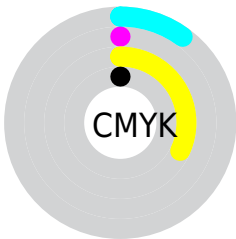
Distribution



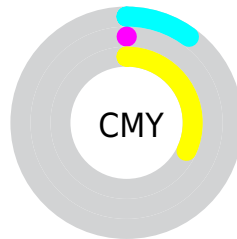
- Red (90%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9360, 91.3601, 53.1672 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 75.9360, 91.3601, 53.1672 by changing the saturation by 10% instead.


 75.9360, 91.3601,
53.1672

 75.9360, 91.3601,
53.1672


470.0763,
532.4453, 416.0107

 56.6769, 69.1093,
37.5476


 126.6173,
149.2262, 96.2944

 40.9850, 50.8007,
25.3327


158.7702,
185.6102, 124.6391

 28.4950, 36.0500,
16.1038


195.9517,
227.4741, 158.0626

 18.8415, 24.4728,
9.4425

238.5272,
275.2023, 196.9834

 11.6591, 15.6847,
4.9302

286.8621,
329.1791, 241.8201

 6.5826, 9.3013,
2.1483

341.3217,

 3.2464, 4.9383,

389.7889, 292.9912

0.6443

402.2713,
457.4162, 350.9152

■ 1.2854, 2.2111,
0.0000

■ 0.1722, 0.7260,
0.0000

■ 75.9360, 91.3601,
53.1672

■ 75.9360, 91.3601,
53.1672

■ 71.2595, 89.2077,
41.2740

■ 81.1955, 93.7587,
67.5483

■ 67.1366, 87.2894,
31.7233

■ 87.0631, 96.4134,
84.5438

■ 63.5366, 85.5928,
24.3604

■ 93.5635, 99.3345,
104.2762

■ 60.4248, 84.1038,
19.0106

■ 95.0500, 100.0000,
108.9000

■ 57.7616, 82.8064,
15.4725

■ 55.4990, 81.6813,
13.5029

■ 53.9497, 80.8972,
12.7713

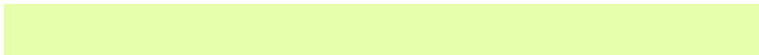
Harmonies

Analogous

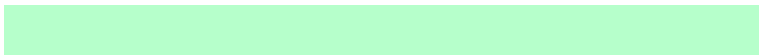
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7903, 91.3601, 47.5951



75.9360, 91.3601, 53.1672



68.6019, 91.3601, 70.4681

Triad

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



75.9360, 91.3601, 53.1672



76.0069, 91.3601, 167.1641



111.5728, 91.3601, 99.3474

Complementary

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



75.9360, 91.3601, 53.1672



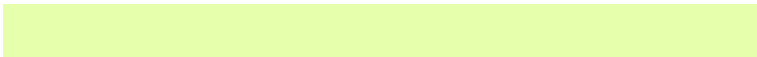
56.2833, 49.1142, 101.1213

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.



108.0425, 91.3601, 135.5173



75.9360, 91.3601, 53.1672



86.8798, 91.3601, 179.6859

Square

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



75.9360, 91.3601, 53.1672



68.6402, 91.3601, 135.7904



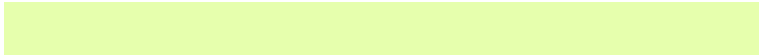
98.7300, 91.3601, 166.9830



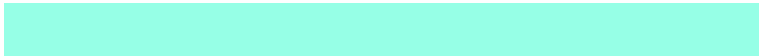
107.9907, 91.3601, 70.2917

Rectangle

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



75.9360, 91.3601, 53.1672



66.3353, 91.3601, 88.7243



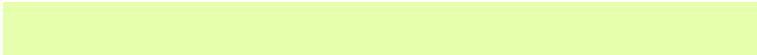
98.7300, 91.3601, 166.9830



111.1749, 91.3601, 111.0622

Sweetspot

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



75.9364, 91.3603, 53.1685



88.4102, 97.0203, 88.5624



68.8863, 64.4836, 48.3524



18.7347, 20.6814, 18.3922



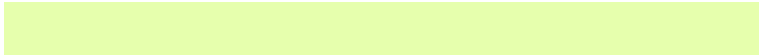
0.0000, 0.0000, 0.0000



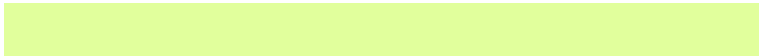
20.3446, 21.4041, 23.3091

Same Dimension

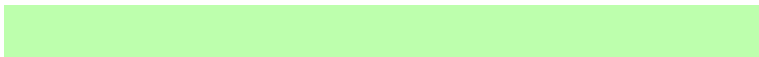
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9364, 91.3603, 53.1685



72.6743, 89.8612, 44.7677



64.3892, 85.4075, 52.6281



18.9906, 20.7966, 19.1576



28.3490, 42.3525, 6.6807



2.8716, 4.1811, 0.6557

Inverse Universe

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



56.2833, 49.1142, 101.1213



50.0813, 41.2690, 99.9339



68.4559, 55.3894, 101.6909



17.5238, 17.6462, 22.7324



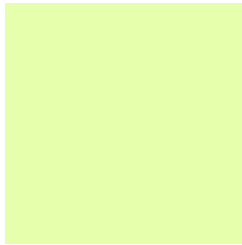
11.1944, 4.6814, 49.7482



1.1955, 0.5102, 4.8487

Previews

White Background



This preview shows how the XYZ color 75.9360, 91.3601, 53.1672 looks on a white background.

Color Contrast Check

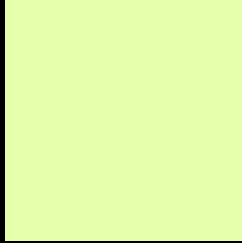
Large Text (above 18pt) WCAG AA × Fail

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 75.9360, 91.3601, 53.1672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

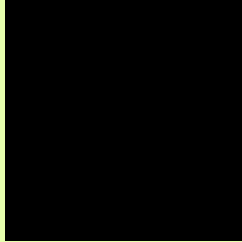
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

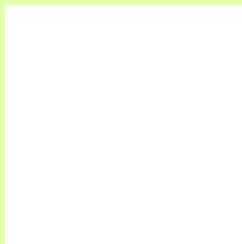
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9360, 91.3601, 53.1672

Background



This preview shows how black text looks on a background with the XYZ color 75.9360, 91.3601, 53.1672.

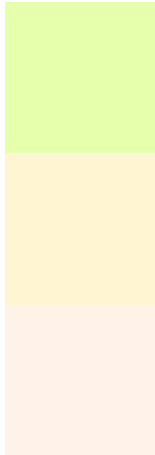


This preview shows how white text looks on a background with the XYZ color 75.9360, 91.3601,

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

75.9360, 91.3601, 53.1672

Protanopia

85.5253, 91.2180, 74.0719

Deuteranopia

87.9986, 91.2444, 90.0647



Tritanopia

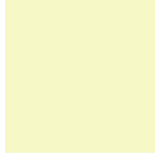
87.3628, 90.9761, 107.5634

Trichromacy



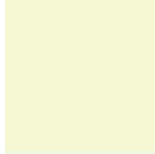
Original Color

75.9360, 91.3601, 53.1672



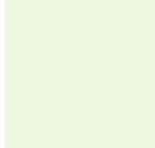
Protanomaly

81.9598, 91.3754, 66.1408



Deuteranomaly

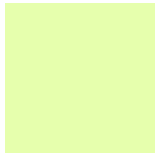
83.0247, 90.8175, 74.7817



Tritanomaly

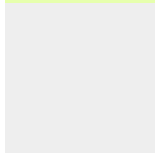
82.4179, 90.7482, 84.4064

Monochromacy



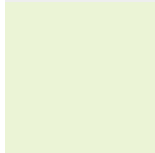
Original Color

75.9360, 91.3601, 53.1672



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.7492, 87.2186, 76.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9360, 91.3601, 53.1672 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(230, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 173)  
}
```

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(230, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 75.9360, 91.3601, 53.1672 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(230, 255, 173) }
```


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

```
.border{ border-color:rgb(230, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9360, 91.3601, 53.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 173) }
```

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

```
.background{ background-color: rgb(230,  
255, 173) }
```

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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