

Converting Colors

XYZ(54.9590, 65.6665, 10.2137)

Have a look what the booklet for
XYZ(54.9590, 65.6665, 10.2137)
contains.

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Color

**XYZ(54.9764, 65.5494,
10.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDA0F
RGB	221, 218, 15
RGB Percent	87%, 85%, 6%
CMY	0.1333, 0.1451, 0.9411
CMYK	0.00, 0.01, 0.93, 0.13
HSL	59°, 87%, 46%
HSV	59°, 93%, 87%
XYZ	54.9764, 65.5494, 10.2067
YIQ	195.7550, 66.9510, -62.4970

Conversions

Conversions Part 2

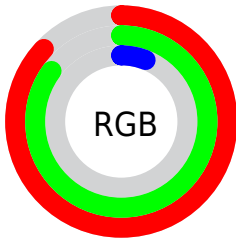
Format	Color
RYB	18, 221, 15
Decimal	14539279
CIELab	84.77, -17.74, 82.88
CIELCh	85, 84.759, 102.081
Yxy	65.5494, 0.4205, 0.5014
Android (android.graphics.Color)	4292729359 (0xFFDDDA0F)
YUV	195.7550, -89.1122, 22.1399
Hunter-Lab	80.9626, -20.4768, 49.1993

Details

The XYZ color **54.9764, 65.5494, 10.2067** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.4650, 5.7553, 68.8073**, and the grayscale version is **52.8146, 55.5650, 60.5103**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **27.7951, 33.7715, 5.0536** is the 20% darker color. If you saturate the color by 10%, you get **54.8349, 65.4048, 9.7343**, and if you desaturate by 10%, it is **55.3107, 65.8190, 11.5495**.

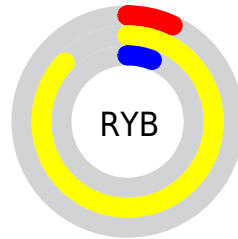
Distribution



Red (87%)

Green (85%)

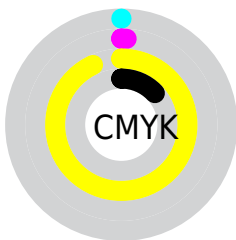
Blue (6%)



Red (7%)

Yellow (87%)

Blue (6%)

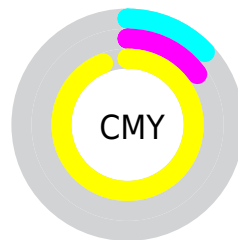


Cyan (0%)

Magenta (1%)

Yellow (93%)

Black (13%)



Cyan (13%)


Magenta (15%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9764, 65.5494, 10.2067 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 54.9764, 65.5494, 10.2067 by changing the saturation by 10% instead.


 54.9764, 65.5494,
10.2067

 54.9764, 65.5494,
10.2067


395.9603,
444.7637, 202.6791


 39.6166, 47.9067,
5.4288


 96.6549, 112.8394,
26.7974


 27.4226, 33.7530,
2.4379


 123.7043,
143.2554, 39.4474

 18.0291, 22.7039,
0.8070


 155.3810,
178.6980, 55.5584

 11.0707, 14.3750,
0.0000

 192.0502,
219.5516, 75.5491

 6.1820, 8.3820,
0.0000

 234.0774,
266.2006, 99.8380

 2.9978, 4.3403,
0.0000

 281.8279,

 1.1526, 1.8657,

319.0293, 128.8436

0.0000

335.6671,
378.4222, 162.9845

■ 0.0684, 0.5276,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9764, 65.5494,
10.2067

■ 54.9764, 65.5494,
10.2067

■ 54.8349, 65.4048,
9.7343

■ 55.3107, 65.8190,
11.5495

■ 55.8536, 66.1698,
13.9962

■ 56.6394, 66.6180,
17.7215

■ 57.6954, 67.1746,
22.8685

■ 59.0451, 67.8489,
29.5616

■ 60.7096, 68.6494,
37.9113

■ 62.7079, 69.5837,
48.0184

■ 65.0577, 70.6588,
59.9754

■ 67.7753, 71.8813,
73.8684

Harmonies

Analogous

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



74.2121, 65.5494, 10.9784



54.9764, 65.5494, 10.2067



40.9159, 65.5494, 18.5269

Triad

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



54.9764, 65.5494, 10.2067



38.9632, 65.5494, 166.7630



103.8507, 65.5494, 108.5771

Complementary

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



54.9764, 65.5494, 10.2067



13.4650, 5.7553, 68.8073

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.



90.0834, 65.5494, 180.3633



54.9764, 65.5494, 10.2067



51.7409, 65.5494, 224.0420

Square

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



54.9764, 65.5494, 10.2067



33.0093, 65.5494, 95.5434



70.2527, 65.5494, 229.9974



105.2082, 65.5494, 51.6657

Rectangle

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



54.9764, 65.5494, 10.2067



35.3116, 65.5494, 32.7836



70.2527, 65.5494, 229.9974



100.4086, 65.5494, 132.3059

Sweetspot

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



54.9779, 65.5525, 10.2080



85.2797, 95.5637, 59.0788



30.1026, 15.7595, 2.0473



18.0058, 20.3382, 11.3950



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.



54.9779, 65.5525, 10.2080



75.8292, 90.4384, 13.4597



33.8901, 55.8441, 9.4456



14.1452, 15.2297, 13.9197



31.8625, 38.0105, 5.6574



2.0695, 2.4731, 0.3683

Inverse Universe

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



13.4650, 5.7553, 68.8073



18.0902, 7.3004, 95.0634



20.2370, 9.1790, 69.1112



12.3538, 12.6473, 16.4422



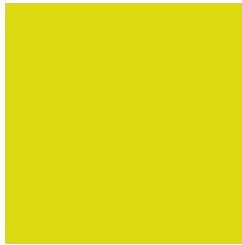
7.6090, 3.0873, 39.9333



0.4984, 0.2109, 2.5889

Previews

White Background



This preview shows how the XYZ color 54.9764, 65.5494, 10.2067 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 54.9764, 65.5494, 10.2067 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 54.9764, 65.5494, 10.2067

Background



This preview shows how black text looks on a background with the XYZ color 54.9764, 65.5494, 10.2067.



This preview shows how white text looks on a background with the XYZ color 54.9764, 65.5494,

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

54.9764, 65.5494, 10.2067

Protanopia

59.2005, 65.4619, 9.8318

Deuteranopia

65.5766, 65.1641, 24.7445



Tritanopia

68.2718, 65.4360, 75.3618

Trichromacy



Original Color

54.9764, 65.5494, 10.2067

Protanomaly

57.3916, 65.2755, 9.9224

Deuteranomaly

60.8576, 64.7023, 16.3024

Tritanomaly

60.2230, 63.9484, 35.5547

Monochromacy



Original Color

54.9764, 65.5494, 10.2067

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.7990, 57.7766, 29.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9764, 65.5494, 10.2067 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(221, 218, 15)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 15)  
}
```

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(221, 218, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 15) }
```

Border

The CSS property to change the border of an element to XYZ 54.9764, 65.5494, 10.2067 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(221, 218, 15) }
```


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

```
.border{ border-color:rgb(221, 218, 15) }
```

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

Here you see how a box with a 4 pixel rgb(221, 218, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 15);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9764, 65.5494, 10.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 15) }
```

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

```
.background{ background-color: rgb(221,  
218, 15) }
```

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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