

Converting Colors

XYZ(54.7540, 68.9838, 10.4294)

Have a look what the booklet for
XYZ(54.7540, 68.9838, 10.4294)
contains.

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Color

**XYZ(54.9097, 69.0843,
10.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E300
RGB	213, 227, 0
RGB Percent	84%, 89%, 0%
CMY	0.1647, 0.1098, 0.9999
CMYK	0.06, 0.00, 1.00, 0.11
HSL	64°, 100%, 45%
HSV	64°, 100%, 89%
XYZ	54.9097, 69.0843, 10.4406
YIQ	196.9360, 64.5230, -73.5650

Conversions

Conversions Part 2

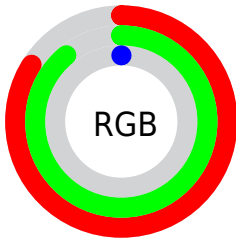
Format	Color
RYB	0, 227, 14
Decimal	14017280
CIELab	86.55, -25.58, 85.26
CIELCh	87, 89.016, 106.700
Yxy	69.0843, 0.4084, 0.5139
Android (android.graphics.Color)	4292207360 (0xFFD5E300)
YUV	196.9360, -97.0894, 14.0881
Hunter-Lab	83.1170, -27.5319, 50.7343

Details

The XYZ color **54.9097, 69.0843, 10.4406** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **14.0480, 5.6408, 73.0257**, and the grayscale version is **53.5768, 56.3669, 61.3836**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **27.8894, 36.2774, 5.5323** is the 20% darker color. If you saturate the color by 10%, you get **54.9105, 69.0871, 10.4411**, and if you desaturate by 10%, it is **55.4712, 69.3586, 11.2606**.

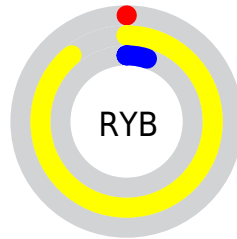
Distribution



Red (84%)

Green (89%)

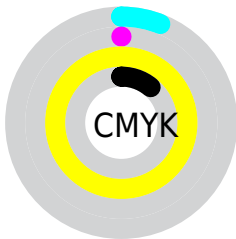
Blue (0%)



Red (0%)

Yellow (89%)

Blue (5%)

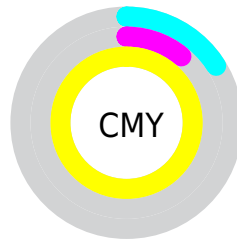


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (16%)


Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9097, 69.0843, 10.4406 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 54.9097, 69.0843, 10.4406 by changing the saturation by 10% instead.


 54.9097, 69.0843,
10.4406


 54.9097, 69.0843,
10.4406


395.7115,
457.3282, 204.3862

 39.5630, 50.7804,
5.5826


 96.5577, 117.9020,
27.2417


 27.3807, 36.0338,
2.5284


 123.5898,
149.1845, 40.0218


 17.9974, 24.4603,
0.8551


 155.2476,
185.5620, 56.2798

 11.0478, 15.6754,
0.0000

 191.8966,
227.4189, 76.4342

 6.1665, 9.2948,
0.0000

 233.9022,
275.1396, 100.9035

 2.9882, 4.9340,
0.0000

 281.6296,

 1.1475, 2.2086,

329.1084, 130.1062

0.0000

335.4443,
389.7099, 164.4609

■ 0.0643, 0.7247,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9097, 69.0843,
10.4406

■ 54.9097, 69.0843,
10.4406

■ 54.9105, 69.0871,
10.4411

■ 55.4712, 69.3586,
11.2606

■ 56.2129, 69.7029,
13.0179

■ 57.1935, 70.1431,
16.0149

■ 58.4459, 70.6924,
20.4248

■ 59.9979, 71.3619,
26.3933

■ 61.8735, 72.1614,
34.0481

■ 64.0947, 73.0995,
43.5035

■ 66.6812, 74.1841,
54.8641

■ 69.6513, 75.4225,
68.2264

Harmonies

Analogous

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



75.2184, 69.0843, 9.9799



54.9097, 69.0843, 10.4406



40.8158, 69.0843, 21.1096

Triad

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



54.9097, 69.0843, 10.4406



42.0400, 69.0843, 191.9050



112.3307, 69.0843, 104.5030

Complementary

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



54.9097, 69.0843, 10.4406



14.0480, 5.6408, 73.0257

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.



98.9725, 69.0843, 183.1430



54.9097, 69.0843, 10.4406



56.9524, 69.0843, 248.8126

Square

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



54.9097, 69.0843, 10.4406



34.5228, 69.0843, 112.8206



77.7348, 69.0843, 244.9598



111.4616, 69.0843, 47.0684

Rectangle

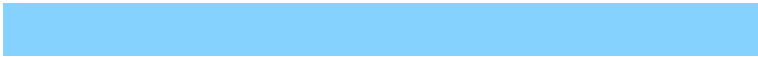
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9097, 69.0843, 10.4406



35.5505, 69.0843, 38.6363



77.7348, 69.0843, 244.9598



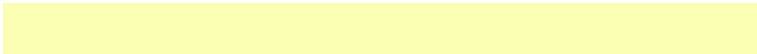
109.2534, 69.0843, 129.7055

Sweetspot

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



54.9113, 69.0875, 10.4420



83.3707, 95.1301, 56.3510



31.8047, 16.5801, 1.5249



17.5709, 20.2463, 10.8849



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.



54.9113, 69.0875, 10.4420



71.4458, 89.9167, 13.5901



32.9697, 57.7762, 9.4152



15.5092, 16.7695, 15.3239



32.0590, 40.3085, 6.0906



2.3958, 2.9925, 0.4513

Inverse Universe

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



14.0480, 5.6408, 73.0257



18.2592, 7.3278, 95.0598



22.3045, 9.8971, 73.4121



13.6647, 13.9294, 18.1128



8.2244, 3.3057, 42.5878



0.6369, 0.2593, 3.1485

Previews

White Background



This preview shows how the XYZ color 54.9097, 69.0843, 10.4406 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 54.9097, 69.0843, 10.4406 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 54.9097, 69.0843, 10.4406

Background



This preview shows how black text looks on a background with the XYZ color 54.9097, 69.0843, 10.4406.



This preview shows how white text looks on a background with the XYZ color 54.9097, 69.0843,

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

54.9097, 69.0843, 10.4406

Protanopia

62.1211, 68.8588, 10.0169

Deuteranopia

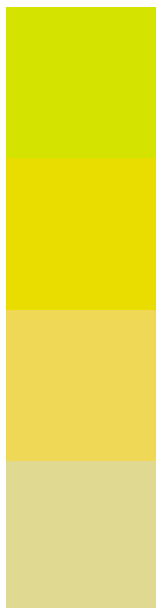
68.4844, 68.6385, 32.9316



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

54.9097, 69.0843, 10.4406

Protanomaly

59.4607, 69.0365, 10.1915

Deuteranomaly

62.2113, 68.3251, 18.9260

Tritanomaly

60.3551, 67.3580, 36.6084

Monochromacy



Original Color

54.9097, 69.0843, 10.4406

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

50.8861, 59.2889, 28.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9097, 69.0843, 10.4406 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(213, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 0)  
}
```

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(213, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.9097, 69.0843, 10.4406 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(213, 227, 0) }
```


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

```
.border{ border-color:rgb(213, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(213, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9097, 69.0843, 10.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 0) }
```

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

```
.background{ background-color: rgb(213,  
227, 0) }
```

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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