

Converting Colors

XYZ(57.9409, 70.6283, 10.5788)

Have a look what the booklet for
XYZ(57.9409, 70.6283, 10.5788)
contains.

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Color

**XYZ(57.9005, 70.6261,
10.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE300
RGB	223, 227, 0
RGB Percent	87%, 89%, 0%
CMY	0.1255, 0.1098, 0.9999
CMYK	0.02, 0.00, 1.00, 0.11
HSL	61°, 100%, 45%
HSV	61°, 100%, 89%
XYZ	57.9005, 70.6261, 10.5805
YIQ	199.9260, 70.4830, -71.4450

Conversions

Conversions Part 2

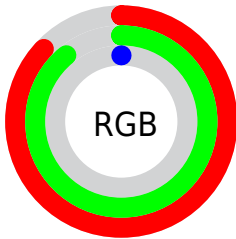
Format	Color
RYB	0, 227, 4
Decimal	14672640
CIELab	87.30, -21.42, 86.16
CIELCh	87, 88.782, 103.959
Yxy	70.6261, 0.4162, 0.5077
Android (android.graphics.Color)	4292862720 (0xFFDFE300)
YUV	199.9260, -98.5635, 20.2359
Hunter-Lab	84.0393, -24.0879, 51.3630

Details

The XYZ color **57.9005, 70.6261, 10.5805** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **13.9168, 5.5731, 73.0196**, and the grayscale version is **55.4155, 58.3014, 63.4903**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **29.8568, 37.2916, 5.6244** is the 20% darker color. If you saturate the color by 10%, you get **57.9018, 70.6292, 10.5811**, and if you desaturate by 10%, it is **58.1775, 70.7539, 11.3871**.

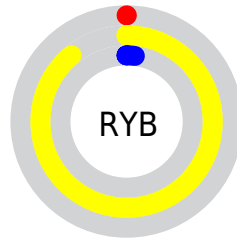
Distribution



Red (87%)

Green (89%)

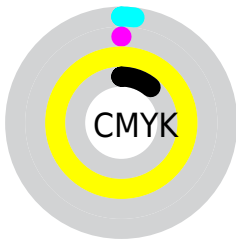
Blue (0%)



Red (0%)

Yellow (89%)

Blue (2%)

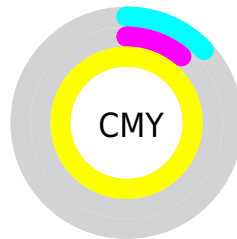


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9005, 70.6261, 10.5805 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 57.9005, 70.6261, 10.5805 by changing the saturation by 10% instead.

■ 57.9005, 70.6261,
10.5805

■ 57.9005, 70.6261,
10.5805

406.7749,
462.7453, 205.3995

■ 41.9716, 52.0371,
5.6749

■ 100.9017,
120.1012, 27.5065

■ 29.2701, 37.0347,
2.5829

■ 128.7048,
151.7561, 40.3640

■ 19.4305, 25.2343,
0.8836

■ 161.1967,
188.5351, 56.7091

■ 12.0876, 16.2517,
0.0000

■ 198.7426,
230.8226, 76.9605

■ 6.8760, 9.7025,
0.0000

■ 241.7081,
279.0029, 101.5368

■ 3.4303, 5.2021,
0.0000

■ 290.4584,

■ 1.3852, 2.3663,

333.4606, 130.8563

0.0000

345.3589,
394.5799, 165.3377

■ 0.2456, 0.8085,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9005, 70.6261,
10.5805

■ 57.9005, 70.6261,
10.5805

■ 57.9018, 70.6292,
10.5811

■ 58.1775, 70.7539,
11.3871

■ 58.6315, 70.9497,
13.1309

■ 59.3211, 71.2399,
16.1141

■ 60.2793, 71.6376,
20.5101

■ 61.5337, 72.1538,
26.4646

■ 63.1087, 72.7982,
34.1051

■ 65.0258, 73.5796,
43.5462

■ 67.3050, 74.5057,
54.8923

■ 69.9645, 75.5841,
68.2398

Harmonies

Analogous

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



78.8462, 70.6261, 10.8715



57.9005, 70.6261, 10.5805



42.9355, 70.6261, 20.2706

Triad

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



57.9005, 70.6261, 10.5805



42.1739, 70.6261, 187.5285



113.5851, 70.6261, 113.2550

Complementary

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



57.9005, 70.6261, 10.5805



13.9168, 5.5731, 73.0196

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.



99.0356, 70.6261, 192.9345



57.9005, 70.6261, 10.5805



56.6324, 70.6261, 248.8186

Square

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



57.9005, 70.6261, 10.5805



35.2141, 70.6261, 108.1086



77.2872, 70.6261, 251.1928



114.1224, 70.6261, 52.3620

Rectangle

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



57.9005, 70.6261, 10.5805



37.1281, 70.6261, 36.6563



77.2872, 70.6261, 251.1928



110.0540, 70.6261, 139.2398

Sweetspot

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



57.9021, 70.6294, 10.5819



84.5911, 95.7592, 56.4081



31.7220, 16.4147, 1.4973



17.8682, 20.3996, 10.8988



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.



57.9021, 70.6294, 10.5819



75.3632, 91.9362, 13.7734



33.8684, 58.2396, 9.4572



15.5751, 16.8036, 15.3270



33.7777, 41.1945, 6.1711



2.5041, 3.0483, 0.4564

Inverse Universe

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



13.9168, 5.5731, 73.0196



18.1063, 7.2490, 95.0526



21.2429, 9.3498, 73.3625



13.6062, 13.8992, 18.1100



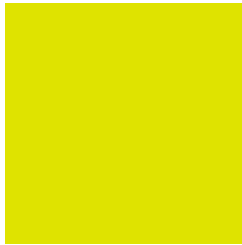
8.1256, 3.2548, 42.5831



0.6088, 0.2448, 3.1471

Previews

White Background



This preview shows how the XYZ color 57.9005, 70.6261, 10.5805 looks on a white background.

Color Contrast Check

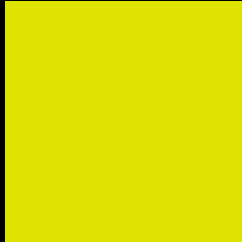
Large Text (above 18pt) WCAG AA × Fail

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 57.9005, 70.6261, 10.5805 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 57.9005, 70.6261, 10.5805

Background



This preview shows how black text looks on a background with the XYZ color 57.9005, 70.6261, 10.5805.

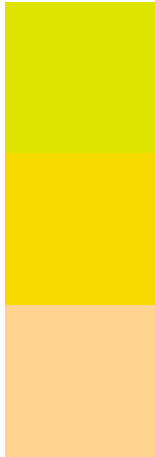


This preview shows how white text looks on a background with the XYZ color 57.9005, 70.6261,

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

57.9005, 70.6261, 10.5805

Protanopia

63.6893, 70.4372, 10.2390

Deuteranopia

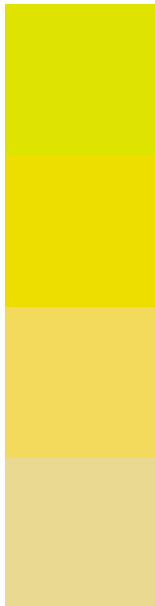
69.8943, 70.3913, 36.6911



Tritanopia

72.5578, 70.3671, 83.1568

Trichromacy



Original Color

57.9005, 70.6261, 10.5805

Protanomaly

61.3812, 70.4197, 10.3572

Deuteranomaly

63.7068, 69.4531, 20.1733

Tritanomaly

63.5280, 68.9937, 36.7569

Monochromacy



Original Color

57.9005, 70.6261, 10.5805

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

52.8898, 61.0354, 29.0721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9005, 70.6261, 10.5805 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, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.9005, 70.6261, 10.5805 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, 227, 0) }
```


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

```
.border{ border-color:rgb(223, 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(223, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9005, 70.6261, 10.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 0) }
```

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

```
.background{ background-color: rgb(223,  
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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