

Converting Colors

XYZ(63.1213, 71.8835, 10.5481)

Have a look what the booklet for
XYZ(63.1213, 71.8835, 10.5481)
contains.

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Color

**XYZ(63.0056, 71.6526,
10.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DF00
RGB	242, 223, 0
RGB Percent	95%, 87%, 0%
CMY	0.0510, 0.1255, 0.9999
CMYK	0.00, 0.08, 1.00, 0.05
HSL	55°, 100%, 47%
HSV	55°, 100%, 95%
XYZ	63.0056, 71.6526, 10.5096
YIQ	203.2590, 82.9070, -65.3250

Conversions

Conversions Part 2

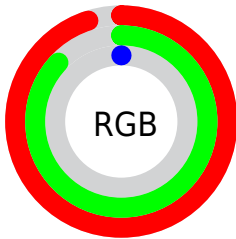
Format	Color
RYB	21, 242, 0
Decimal	15916800
CIELab	87.80, -11.45, 87.22
CIElCh	88, 87.974, 97.482
Yxy	71.6526, 0.4340, 0.4936
Android (android.graphics.Color)	4294106880 (0xFFFF2DF00)
YUV	203.2590, -100.2067, 33.9759
Hunter-Lab	84.6479, -15.2716, 51.8922

Details

The XYZ color **63.0056, 71.6526, 10.5096** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light saturated yellow. A complement of this color would be **16.2605, 6.8775, 84.4741**, and the grayscale version is **57.5057, 60.5004, 65.8850**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **33.0587, 37.8290, 5.5594** is the 20% darker color. If you saturate the color by 10%, you get **63.0064, 71.6547, 10.5099**, and if you desaturate by 10%, it is **63.6847, 72.7436, 11.5612**.

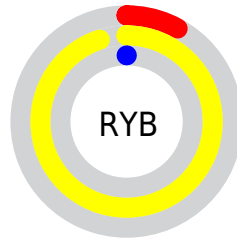
Distribution



Red (95%)

Green (87%)

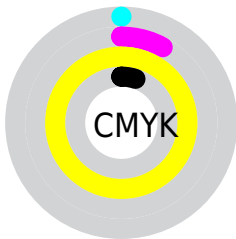
Blue (0%)



Red (8%)

Yellow (95%)

Blue (0%)

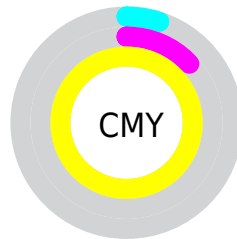


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0056, 71.6526, 10.5096 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 63.0056, 71.6526, 10.5096 by changing the saturation by 10% instead.

63.0056, 71.6526,
10.5096

63.0056, 71.6526,
10.5096

425.2492,
466.3315, 204.8867

46.1044, 52.8749,
5.6281

108.2594,
121.5625, 27.3724

32.5332, 37.7029,
2.5552

137.3426,
153.4635, 40.1907

21.9266, 25.7522,
0.8692

171.2173,
190.5078, 56.4918

13.9193, 16.6384,
0.0000

210.2487,
233.0797, 76.6941

8.1459, 9.9770,
0.0000

254.8023,
281.5636, 101.2162

4.2410, 5.3837,
0.0000

305.2433,

1.8394, 2.4741,

336.3440, 130.4766

0.0000

361.9371,
397.8051, 164.8939

■ 0.5412, 0.8636,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0056, 71.6526,
10.5096

■ 63.0056, 71.6526,
10.5096

■ 63.0064, 71.6547,
10.5099

■ 63.6847, 72.7436,
11.5612

■ 64.5760, 73.9259,
13.7087

■ 65.7457, 75.2287,
17.2947

■ 67.2327, 76.6677,
22.5226

69.0693, 78.2557,
29.5634

71.2840, 80.0042,
38.5664

73.9022, 81.9233,
49.6658

76.9472, 84.0225,
62.9836

80.4403, 86.3103,
78.6328

Harmonies

Analogous

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



84.6766, 71.6526, 12.6932



63.0056, 71.6526, 10.5096



46.4665, 71.6526, 17.7017

Triad

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



63.0056, 71.6526, 10.5096



40.9402, 71.6526, 171.0562



112.3618, 71.6526, 130.8954

Complementary

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



63.0056, 71.6526, 10.5096



16.2605, 6.8775, 84.4741

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.



95.5904, 71.6526, 209.5606



63.0056, 71.6526, 10.5096



53.8479, 71.6526, 239.8614

Square

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



63.0056, 71.6526, 10.5096



35.5335, 71.6526, 93.9775



73.4695, 71.6526, 256.7174



116.2038, 71.6526, 63.9752

Rectangle

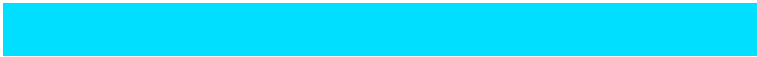
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0056, 71.6526, 10.5096



39.5352, 71.6526, 31.0731



73.4695, 71.6526, 256.7174



107.9046, 71.6526, 157.6484

Sweetspot

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



63.0072, 71.6560, 10.5110



83.2005, 92.2430, 55.8027



36.7459, 18.9289, 2.3879



17.5296, 19.5432, 10.7514



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.



63.0072, 71.6560, 10.5110



70.9440, 80.6679, 11.8313



42.7669, 69.1821, 11.1003



17.0106, 18.2343, 16.7727



33.8946, 38.5873, 5.6617



2.8510, 3.2726, 0.4814

Inverse Universe

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



16.2605, 6.8775, 84.4741



18.3004, 7.7209, 95.1335



21.3773, 9.1695, 84.6468



14.9969, 15.4280, 19.9091



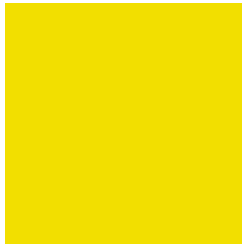
8.7725, 3.7692, 45.3930



0.7641, 0.3821, 3.7877

Previews

White Background



This preview shows how the XYZ color 63.0056, 71.6526, 10.5096 looks on a white background.

Color Contrast Check

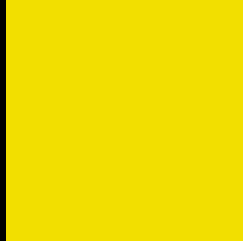
Large Text (above 18pt) WCAG AA × Fail

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 63.0056, 71.6526, 10.5096 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 63.0056, 71.6526, 10.5096

Background



This preview shows how black text looks on a background with the XYZ color 63.0056, 71.6526, 10.5096.



This preview shows how white text looks on a background with the XYZ color 63.0056, 71.6526,

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

63.0056, 71.6526, 10.5096

Deuteranopia

70.8725, 71.5875, 39.3605

Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

63.0056, 71.6526, 10.5096



Deuteranomaly

66.3485, 70.7942, 21.2340



Tritanomaly

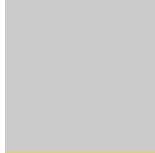
68.1011, 69.8655, 35.4873

Monochromacy



Original Color

63.0056, 71.6526, 10.5096



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

55.6243, 62.4299, 29.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0056, 71.6526, 10.5096 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(242, 223, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 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(242, 223, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 0) }
```

Border

The CSS property to change the border of an element to XYZ 63.0056, 71.6526, 10.5096 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(242, 223, 0) }
```

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

```
.border{ border-color:rgb(242, 223, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 223, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 63.0056, 71.6526, 10.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 0) }
```

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

```
.background{ background-color: rgb(242,  
223, 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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