

Converting Colors

XYZ(55.3208, 63.3905, 10.1120)

Have a look what the booklet for
XYZ(55.3208, 63.3905, 10.1120)
contains.

XYZ(55.3767, 63.4797, 10.1448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3767, 63.4797,
10.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D417
RGB	227, 212, 23
RGB Percent	89%, 83%, 9%
CMY	0.1098, 0.1686, 0.9097
CMYK	0.00, 0.07, 0.90, 0.11
HSL	56°, 82%, 49%
HSV	56°, 90%, 89%
XYZ	55.3767, 63.4797, 10.1448
YIQ	194.9390, 69.6090, -55.5990

Conversions

Conversions Part 2

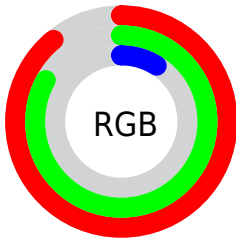
Format	Color
R _Y B	39, 227, 23
Decimal	14930967
CIE Lab	83.69, -12.11, 81.22
CIE LCh	84, 82.116, 98.481
Yxy	63.4797, 0.4293, 0.4921
Android (android.graphics.Color)	4293121047 (0xFFE3D417)
YUV	194.9390, -84.7659, 28.1175
Hunter-Lab	79.6741, -15.3652, 48.2226

Details

The XYZ color **55.3767, 63.4797, 10.1448** 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 **14.9121, 7.1151, 73.2599**, and the grayscale version is **52.2980, 55.0216, 59.9185**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **28.1632, 32.6692, 4.8214** is the 20% darker color. If you saturate the color by 10%, you get **54.8101, 62.5915, 9.2016**, and if you desaturate by 10%, it is **56.1302, 64.4544, 12.0380**.

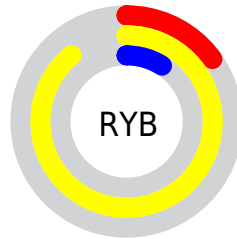
Distribution



Red (89%)

Green (83%)

Blue (9%)



Red (15%)

Yellow (89%)

Blue (9%)

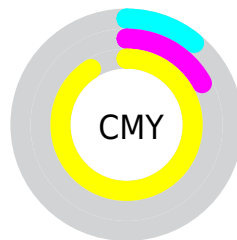


Cyan (0%)

Magenta (7%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3767, 63.4797, 10.1448 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 55.3767, 63.4797, 10.1448 by changing the saturation by 10% instead.

■ 55.3767, 63.4797,
10.1448

■ 55.3767, 63.4797,
10.1448

397.4515,
437.3083, 202.2246

■ 39.9384, 46.2294,
5.3882

■ 97.2378, 109.8613,
26.6796

■ 27.6745, 32.4269,
2.4141

■ 124.3913,
139.7613, 39.2948

■ 18.2197, 21.6878,
0.7941

■ 156.1806,
174.6468, 55.3667

■ 11.2085, 13.6277,
0.0000

■ 192.9711,
214.9020, 75.3138

■ 6.2755, 7.8622,
0.0000

■ 235.1280,
260.9113, 99.5546

■ 3.0556, 4.0069,
0.0000

■ 283.0168,

■ 1.1832, 1.6774,

313.0592, 128.5076

0.0000

337.0029,
371.7301, 162.5915

■ 0.0931, 0.4090,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3767, 63.4797,
10.1448

■ 55.3767, 63.4797,
10.1448

■ 54.8101, 62.5915,
9.2016

■ 56.1302, 64.4544,
12.0380

■ 54.8026, 62.5794,
9.1906

■ 57.1223, 65.5290,
15.1732

■ 58.3875, 66.7198,
19.7245

■ 59.9532, 68.0377,
25.8372

■ 61.8437, 69.4926,
33.6389

■ 64.0808, 71.0930,
43.2438

■ 66.6842, 72.8471,
54.7562

■ 69.6723, 74.7620,
68.2726

■ 73.0622, 76.8447,
83.8828

Harmonies

Analogous

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



73.9332, 63.4797, 11.8524



55.3767, 63.4797, 10.1448



41.2702, 63.4797, 16.9578

Triad

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



55.3767, 63.4797, 10.1448



37.1072, 63.4797, 150.8993



98.5730, 63.4797, 112.1942

Complementary

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



55.3767, 63.4797, 10.1448



14.9121, 7.1151, 73.2599

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.



84.5195, 63.4797, 179.2799



55.3767, 63.4797, 10.1448



48.5165, 63.4797, 208.2986

Square

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



55.3767, 63.4797, 10.1448



32.1833, 63.4797, 84.7818



65.5819, 63.4797, 220.6824



101.4197, 63.4797, 55.5141

Rectangle

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



55.3767, 63.4797, 10.1448



35.3920, 63.4797, 29.1887



65.5819, 63.4797, 220.6824



94.8857, 63.4797, 134.9159

Sweetspot

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



55.3781, 63.4827, 10.1461



84.2857, 93.1451, 60.0745



32.3683, 17.0975, 3.6029



17.8057, 19.7750, 11.8312



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.



55.3781, 63.4827, 10.1461



71.3095, 81.3990, 11.9532



38.7801, 60.7510, 10.4936



15.5062, 16.6263, 15.2964



31.9988, 36.5718, 5.3725



2.3918, 2.7570, 0.4061

Inverse Universe

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



14.9121, 7.1151, 73.2599



18.2785, 7.6771, 95.1262



20.3571, 9.3481, 73.4039



13.6675, 14.0564, 18.1371



8.2317, 3.5254, 42.6298



0.6382, 0.3204, 3.1602

Previews

White Background



This preview shows how the XYZ color 55.3767, 63.4797, 10.1448 looks on a white background.

Color Contrast Check

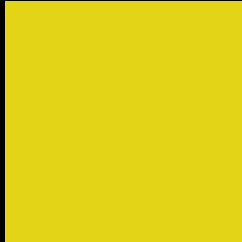
Large Text (above 18pt) WCAG AA × Fail

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 55.3767, 63.4797, 10.1448 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 55.3767, 63.4797, 10.1448

Background



This preview shows how black text looks on a background with the XYZ color 55.3767, 63.4797, 10.1448.

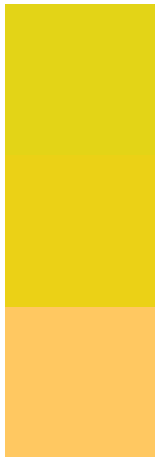


This preview shows how white text looks on a background with the XYZ color 55.3767, 63.4797,

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

55.3767, 63.4797, 10.1448

Protanopia

57.2062, 63.3210, 9.9661

Deuteranopia

64.0519, 63.4316, 20.1769



Tritanopia

67.7851, 63.2112, 70.9157

Trichromacy



Original Color

55.3767, 63.4797, 10.1448

Protanomaly

56.4701, 63.3069, 10.0022

Deuteranomaly

60.3545, 63.0404, 14.7813

Tritanomaly

60.3394, 61.8864, 34.7516

Monochromacy



Original Color

55.3767, 63.4797, 10.1448

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.7836, 56.7046, 30.0983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3767, 63.4797, 10.1448 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(227, 212, 23)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 23)  
}
```

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(227, 212, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 23) }
```

Border

The CSS property to change the border of an element to XYZ 55.3767, 63.4797, 10.1448 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(227, 212, 23) }
```


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

```
.border{ border-color:rgb(227, 212, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 23);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3767, 63.4797, 10.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 23) }
```

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

```
.background{ background-color: rgb(227,  
212, 23) }
```

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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