

Converting Colors

XYZ(57.4766, 63.9599, 10.1521)

Have a look what the booklet for
XYZ(57.4766, 63.9599, 10.1521)
contains.

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Color

**XYZ(57.4622, 63.8172,
10.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD217
RGB	235, 210, 23
RGB Percent	92%, 82%, 9%
CMY	0.0784, 0.1764, 0.9097
CMYK	0.00, 0.11, 0.90, 0.08
HSL	53°, 84%, 51%
HSV	53°, 90%, 92%
XYZ	57.4622, 63.8172, 10.1000
YIQ	196.1570, 74.9270, -52.8570

Conversions

Conversions Part 2

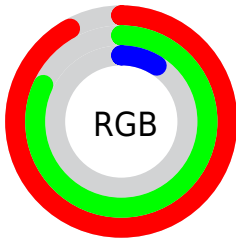
Format	Color
RYB	51, 235, 23
Decimal	15454743
CIELab	83.87, -7.69, 81.66
CIELCh	84, 82.017, 95.382
Yxy	63.8172, 0.4374, 0.4857
Android (android.graphics.Color)	4293644823 (0xFFEBD217)
YUV	196.1570, -85.3664, 34.0653
Hunter-Lab	79.8857, -11.4039, 48.4239

Details

The XYZ color **57.4622, 63.8172, 10.1000** 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 **16.4062, 8.2950, 79.3330**, and the grayscale version is **53.0311, 55.7928, 60.7584**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **29.3440, 32.7756, 4.7797** is the 20% darker color. If you saturate the color by 10%, you get **56.6445, 62.4297, 9.0647**, and if you desaturate by 10%, it is **58.5022, 65.3397, 12.1667**.

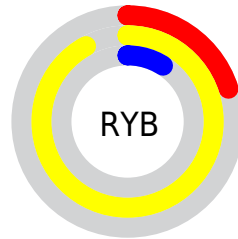
Distribution



Red (92%)

Green (82%)

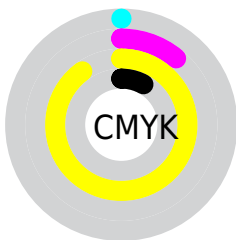
Blue (9%)



Red (20%)

Yellow (92%)

Blue (9%)

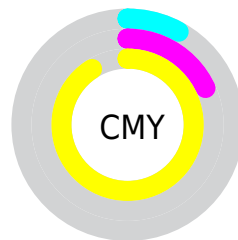


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4622, 63.8172, 10.1000 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 57.4622, 63.8172, 10.1000 by changing the saturation by 10% instead.


 57.4622, 63.8172,
10.1000


 57.4622, 63.8172,
10.1000


405.1652,
438.5292, 201.8950


 41.6180, 46.5026,
5.3588


 100.2668,
110.3476, 26.5942

 28.9921, 32.6426,
2.3969


 127.9578,
140.3323, 39.1843

 19.2191, 21.8528,
0.7848


 160.3286,
175.3091, 55.2278

 11.9337, 13.7488,
0.0000

 197.7444,
215.6624, 75.1432

 6.7704, 7.9462,
0.0000

 240.5707,
261.7767, 99.3491

 3.3640, 4.0605,
0.0000

 289.1726,

 1.3490, 1.7075,

314.0364, 128.2640

0.0000

343.9157,
372.8257, 162.3064

■ 0.2195, 0.4285,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4622, 63.8172,
10.1000

■ 57.4622, 63.8172,
10.1000

■ 56.6445, 62.4297,
9.0647

■ 58.5022, 65.3397,
12.1667

■ 59.8068, 66.9846,
15.5740

■ 61.4133, 68.7695,
20.5128

■ 63.3523, 70.7066,
27.1428

■ 65.6502, 72.8065,
35.6032

■ 68.3308, 75.0789,
46.0190

■ 71.4158, 77.5326,
58.5041

■ 74.9252, 80.1756,
73.1638

■ 78.8777, 83.0156,
90.0960

Harmonies

Analogous

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



76.2752, 63.8172, 12.6648



57.4622, 63.8172, 10.1000



42.7148, 63.8172, 15.9008

Triad

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



57.4622, 63.8172, 10.1000



36.5532, 63.8172, 144.2927



97.9494, 63.8172, 119.5973

Complementary

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



57.4622, 63.8172, 10.1000



16.4062, 8.2950, 79.3330

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.



83.0271, 63.8172, 185.9471



57.4622, 63.8172, 10.1000



47.3300, 63.8172, 204.4821

Square

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



57.4622, 63.8172, 10.1000



32.2727, 63.8172, 79.2216



63.9667, 63.8172, 222.6285



102.1347, 63.8172, 60.5828

Rectangle

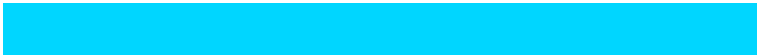
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4622, 63.8172, 10.1000



36.3643, 63.8172, 26.9652



63.9667, 63.8172, 222.6285



93.8956, 63.8172, 142.5344

Sweetspot

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



57.4636, 63.8203, 10.1013



83.3438, 91.2613, 59.7605



35.1711, 18.5169, 4.8848



17.5796, 19.3228, 11.7558



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.



57.4636, 63.8203, 10.1013



68.1478, 75.0756, 10.8993



43.8206, 66.6736, 11.3711



16.1915, 17.3061, 16.0057



31.5874, 34.8690, 5.0656



2.5233, 2.8239, 0.4121

Inverse Universe

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



16.4062, 8.2950, 79.3330



18.5159, 8.1518, 95.2053



20.6400, 9.3633, 79.3161



14.3742, 14.8349, 19.0281



8.6202, 3.8874, 44.0390



0.7239, 0.3992, 3.4738

Previews

White Background



This preview shows how the XYZ color 57.4622, 63.8172, 10.1000 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 57.4622, 63.8172, 10.1000 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 57.4622, 63.8172, 10.1000

Background



This preview shows how black text looks on a background with the XYZ color 57.4622, 63.8172, 10.1000.



This preview shows how white text looks on a background with the XYZ color 57.4622, 63.8172,

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

57.4622, 63.8172, 10.1000

Protanopia

57.7933, 63.9879, 10.1155

Deuteranopia

64.1945, 63.4887, 20.9277



Tritanopia

69.5057, 63.4575, 69.5579

Trichromacy



Original Color

57.4622, 63.8172, 10.1000

Protanomaly

57.7933, 63.9879, 10.1155

Deuteranomaly

61.4740, 63.6101, 15.1688

Tritanomaly

62.4989, 62.3162, 34.3254

Monochromacy



Original Color

57.4622, 63.8172, 10.1000

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6986, 57.1684, 30.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4622, 63.8172, 10.1000 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(235, 210, 23)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 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(235, 210, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 23) }
```

Border

The CSS property to change the border of an element to XYZ 57.4622, 63.8172, 10.1000 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(235, 210, 23) }
```


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

```
.border{ border-color:rgb(235, 210, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 23);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4622, 63.8172, 10.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 23) }
```

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

```
.background{ background-color: rgb(235,  
210, 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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