

Converting Colors

XYZ(53.3187, 57.2117, 8.2328)

Have a look what the booklet for
XYZ(53.3187, 57.2117, 8.2328)
contains.

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Color

**XYZ(53.2450, 57.0883,
8.2128)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C500
RGB	232, 197, 0
RGB Percent	91%, 77%, 0%
CMY	0.0902, 0.2274, 0.9999
CMYK	0.00, 0.15, 1.00, 0.09
HSL	51°, 100%, 45%
HSV	51°, 100%, 91%
XYZ	53.2450, 57.0883, 8.2128
YIQ	185.0070, 84.0970, -53.8470

Conversions

Conversions Part 2

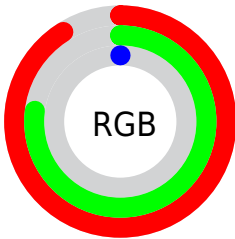
Format	Color
RYB	41, 232, 0
Decimal	15254784
CIELab	80.23, -2.60, 81.41
CIELCh	80, 81.451, 91.832
Yxy	57.0883, 0.4492, 0.4816
Android (android.graphics.Color)	4293444864 (0xFFE8C500)
YUV	185.0070, -91.2085, 41.2129
Hunter-Lab	75.5568, -6.4352, 46.4451

Details

The XYZ color **53.2450, 57.0883, 8.2128** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **15.1671, 7.0292, 76.9008**, and the grayscale version is **46.5797, 49.0054, 53.3669**.

A 20% lighter version of the original color is **77.9655, 92.1507, 22.0651**, and **26.7678, 28.6044, 4.1104** is the 20% darker color. If you saturate the color by 10%, you get **53.2454, 57.0895, 8.2130**, and if you desaturate by 10%, it is **54.2070, 58.7617, 9.3074**.

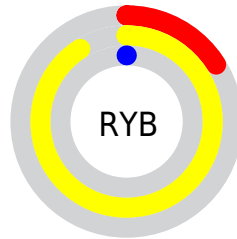
Distribution



Red (91%)

Green (77%)

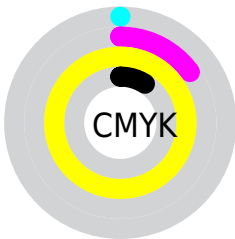
Blue (0%)



Red (16%)

Yellow (91%)

Blue (0%)

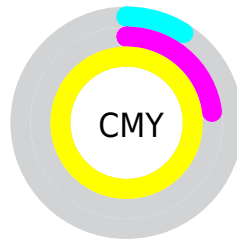


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2450, 57.0883, 8.2128 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 53.2450, 57.0883, 8.2128 by changing the saturation by 10% instead.

■ 53.2450, 57.0883,
8.2128

■ 53.2450, 57.0883,
8.2128

389.4699,
413.7801, 187.3882

■ 38.2267, 41.0761,
4.1417

■ 94.1282, 100.5940,
22.9276

■ 26.3367, 28.3786,
1.7034

■ 120.7237,
128.8564, 34.4084

■ 17.2097, 18.6112,
0.3631

■ 151.9091,
161.9709, 49.1961

■ 10.4803, 11.3897,
0.0000

■ 188.0495,
200.3220, 67.7093

■ 5.7833, 6.3296,
0.0000

■ 229.5105,
244.2941, 90.3666

■ 2.7531, 3.0465,
0.0000

■ 276.6573,

■ 1.0246, 1.1561,

294.2715, 117.5865

0.0000

329.8553,
350.6387, 149.7875

■ 0.0000, 0.0254,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2450, 57.0883,
8.2128

■ 53.2450, 57.0883,
8.2128

■ 53.2454, 57.0895,
8.2130

■ 54.2070, 58.7617,
9.3074

■ 55.3742, 60.5446,
11.3963

■ 56.8075, 62.4639,
14.7946

■ 58.5418, 64.5338,
19.6853

■ 60.6066, 66.7660,
26.2224

■ 63.0274, 69.1712,
34.5405

■ 65.8273, 71.7586,
44.7605

■ 69.0273, 74.5370,
56.9925

■ 72.6470, 77.5143,
71.3385

Harmonies

Analogous

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



70.7921, 57.0883, 11.3435



53.2450, 57.0883, 8.2128



39.0868, 57.0883, 12.3116

Triad

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



53.2450, 57.0883, 8.2128



31.3818, 57.0883, 124.0264



87.6005, 57.0883, 116.1629

Complementary

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



53.2450, 57.0883, 8.2128



15.1671, 7.0292, 76.9008

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.



72.9270, 57.0883, 176.8879



53.2450, 57.0883, 8.2128



40.5268, 57.0883, 182.8316

Square

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



53.2450, 57.0883, 8.2128



28.1719, 57.0883, 65.1329



55.2893, 57.0883, 205.9000



92.8909, 57.0883, 59.2779

Rectangle

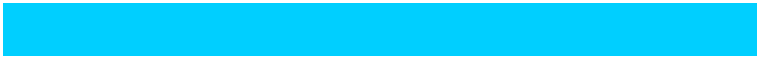
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2450, 57.0883, 8.2128



32.8095, 57.0883, 21.0138



55.2893, 57.0883, 205.9000



83.4720, 57.0883, 137.6307

Sweetspot

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



53.2463, 57.0911, 8.2139



81.5147, 88.8715, 55.2408



33.6397, 17.3006, 3.4585



17.1208, 18.7256, 10.6151



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.



53.2463, 57.0911, 8.2139



65.9329, 70.6458, 10.1610



42.3115, 64.6492, 10.2491



15.4067, 16.4272, 15.2632



29.6342, 31.8426, 4.5843



2.2403, 2.4540, 0.3556

Inverse Universe

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



15.1671, 7.0292, 76.9008



18.7581, 8.6362, 95.2860



17.6543, 7.4189, 76.8449



13.7574, 14.2363, 18.1671



8.4764, 4.0150, 42.7114



0.6810, 0.4060, 3.1744

Previews

White Background



This preview shows how the XYZ color 53.2450, 57.0883, 8.2128 looks on a white background.

Color Contrast Check

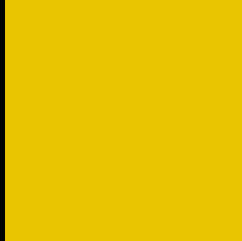
Large Text (above 18pt) WCAG AA × Fail

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 53.2450, 57.0883, 8.2128 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

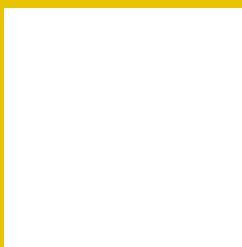
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2450, 57.0883, 8.2128

Background



This preview shows how black text looks on a background with the XYZ color 53.2450, 57.0883, 8.2128.

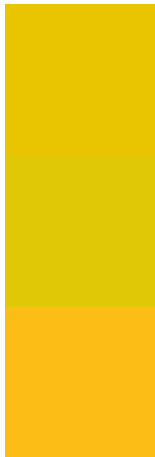


This preview shows how white text looks on a background with the XYZ color 53.2450, 57.0883,

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

53.2450, 57.0883, 8.2128

Protanopia

51.7440, 57.3314, 8.5399

Deuteranopia

58.4873, 57.1486, 8.7072



Tritanopia

63.9737, 56.9529, 60.4445

Trichromacy



Original Color

53.2450, 57.0883, 8.2128

Protanomaly

52.4402, 57.3496, 8.4205

Deuteranomaly

56.5851, 57.1435, 8.4629

Tritanomaly

57.2815, 55.7978, 27.1530

Monochromacy



Original Color

53.2450, 57.0883, 8.2128

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8247, 50.2598, 24.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2450, 57.0883, 8.2128 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(232, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 197, 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(232, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 197, 0) }
```

Border

The CSS property to change the border of an element to XYZ 53.2450, 57.0883, 8.2128 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(232, 197, 0) }
```


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

```
.border{ border-color:rgb(232, 197, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 197, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 197,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2450, 57.0883, 8.2128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 197, 0) }
```

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

```
.background{ background-color: rgb(232,  
197, 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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