

Converting Colors

XYZ(39.0283, 43.6540, 6.5580)

Have a look what the booklet for
XYZ(39.0283, 43.6540, 6.5580)
contains.

XYZ(38.9847, 43.7264, 6.5863)	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(38.9847, 43.7264,
6.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B207
RGB	197, 178, 7
RGB Percent	77%, 70%, 3%
CMY	0.2275, 0.3019, 0.9725
CMYK	0.00, 0.10, 0.96, 0.23
HSL	54°, 93%, 40%
HSV	54°, 96%, 77%
XYZ	38.9847, 43.7264, 6.5863
YIQ	164.1870, 66.2150, -49.1530

Conversions

Conversions Part 2

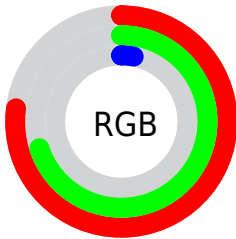
Format	Color
R _Y B	28, 197, 7
Decimal	12956167
CIE Lab	72.05, -8.01, 73.29
CIE LCh	72, 73.729, 96.236
Yxy	43.7264, 0.4366, 0.4897
Android (android.graphics.Color)	4291146247 (0xFFC5B207)
YUV	164.1870, -77.4932, 28.7770
Hunter-Lab	66.1259, -10.4853, 40.3827

Details

The XYZ color **38.9847, 43.7264, 6.5863** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **10.5354, 4.8157, 53.1972**, and the grayscale version is **35.7133, 37.5732, 40.9172**.

A 20% lighter version of the original color is **71.8641, 80.1319, 19.4639**, and **17.9421, 20.3250, 2.9775** is the 20% darker color. If you saturate the color by 10%, you get **38.8080, 43.4346, 6.3383**, and if you desaturate by 10%, it is **39.5365, 44.5804, 7.5409**.

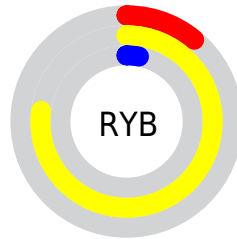
Distribution



Red (77%)

Green (70%)

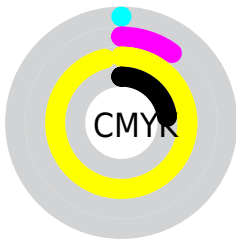
Blue (3%)



Red (11%)

Yellow (77%)

Blue (3%)

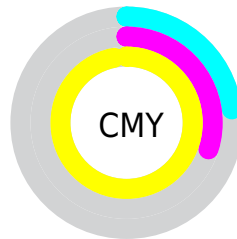


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9847, 43.7264, 6.5863 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 38.9847, 43.7264, 6.5863 by changing the saturation by 10% instead.


 38.9847, 43.7264,
6.5863


 38.9847, 43.7264,
6.5863


333.0337,
361.5906, 173.6789


 26.9285, 30.4555,
3.1303


 72.9092, 80.8059,
19.6345

 17.6558, 20.1846,
1.1615


 95.5081, 105.3832,
30.0637

 10.8014, 12.5293,
0.0000


 122.3521,
134.4982, 43.6544

 5.9997, 7.1052,
0.0000

 153.8063,
168.5351, 60.8251

 2.8856, 3.5280,
0.0000

 190.2363,
207.8784, 81.9944

 1.0935, 1.4132,
0.0000

 232.0072,

 0.0197, 0.2264,

252.9125, 107.5807

0.0000

279.4846,
304.0218, 138.0027

■ 0.0000, 0.0000,
0.0000

■ 38.9847, 43.7264,
6.5863

■ 38.9847, 43.7264,
6.5863

■ 38.8080, 43.4346,
6.3383

■ 39.5365, 44.5804,
7.5409

■ 40.2438, 45.5039,
9.2901

■ 41.1352, 46.5102,
11.9816

■ 42.2325, 47.6079,
15.7288

■ 43.5541, 48.8045,
20.6289

■ 45.1164, 50.1066,
26.7683

■ 46.9342, 51.5201,
34.2250

■ 49.0213, 53.0505,
43.0706

■ 51.3901, 54.7030,
53.3716

Harmonies

Analogous

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



52.1058, 43.7264, 8.1609



38.9847, 43.7264, 6.5863



28.8237, 43.7264, 10.7138

Triad

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



38.9847, 43.7264, 6.5863



24.9245, 43.7264, 101.5163



67.9048, 43.7264, 81.3940

Complementary

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



38.9847, 43.7264, 6.5863



10.5354, 4.8157, 53.1972

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.



57.5861, 43.7264, 128.3482



38.9847, 43.7264, 6.5863



32.5438, 43.7264, 143.5038

Square

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



38.9847, 43.7264, 6.5863



21.8323, 43.7264, 55.5503



44.2476, 43.7264, 155.2261



70.5897, 43.7264, 40.4660

Rectangle

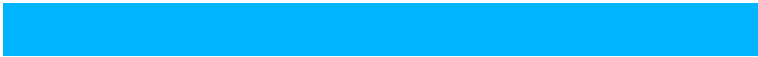
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.9847, 43.7264, 6.5863



24.5008, 43.7264, 18.5263



44.2476, 43.7264, 155.2261



65.1250, 43.7264, 97.5097

Sweetspot

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



38.9857, 43.7285, 6.5872



83.0322, 91.4914, 57.0263



23.2886, 12.0972, 2.0857



17.4713, 19.3486, 10.9721



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.



38.9857, 43.7285, 6.5872



69.3994, 77.5788, 11.3165



27.8906, 44.0130, 7.2269



11.4298, 12.2287, 11.3207



25.5609, 28.6389, 4.1807



1.2372, 1.4098, 0.2069

Inverse Universe

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



10.5354, 4.8157, 53.1972



18.4083, 7.9366, 95.1694



13.7223, 6.0230, 53.2623



10.1406, 10.4552, 13.4011



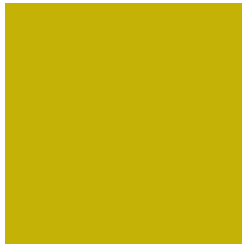
6.8188, 3.0315, 34.9701



0.3526, 0.2030, 1.6657

Previews

White Background



This preview shows how the XYZ color 38.9847, 43.7264, 6.5863 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 38.9847, 43.7264, 6.5863 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 38.9847, 43.7264, 6.5863

Background



This preview shows how black text looks on a background with the XYZ color 38.9847, 43.7264, 6.5863.



This preview shows how white text looks on a background with the XYZ color 38.9847, 43.7264,

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

38.9847, 43.7264, 6.5863

Protanopia

39.3082, 43.5995, 6.5161

Deuteranopia

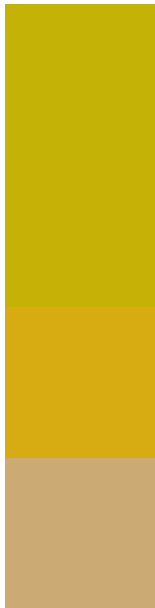
44.5989, 43.7592, 6.9599



Tritanopia

47.2231, 43.3900, 48.0057

Trichromacy



Original Color

38.9847, 43.7264, 6.5863

Protanomaly

39.0437, 43.4632, 6.5037

Deuteranomaly

42.5933, 43.8449, 6.7903

Tritanomaly

42.1557, 42.7069, 22.5444

Monochromacy



Original Color

38.9847, 43.7264, 6.5863

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7463, 38.6676, 19.5422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9847, 43.7264, 6.5863 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(197, 178, 7)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 7)  
}
```

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(197, 178, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 7) }
```

Border

The CSS property to change the border of an element to XYZ 38.9847, 43.7264, 6.5863 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(197, 178, 7) }
```


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

```
.border{ border-color:rgb(197, 178, 7) }
```

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

Here you see how a box with a 4 pixel rgb(197, 178, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 178, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 178, 7);  
box-shadow:4px 4px 4px 4px rgb(197, 178,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9847, 43.7264, 6.5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 7) }
```

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

```
.background{ background-color: rgb(197,  
178, 7) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor