

Converting Colors

XYZ(38.7961, 38.3280, 8.8433)

Have a look what the booklet for
XYZ(38.7961, 38.3280, 8.8433)
contains.

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Color

**XYZ(38.7961, 38.3280,
8.8433)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9F36
RGB	207, 159, 54
RGB Percent	81%, 62%, 21%
CMY	0.1882, 0.3764, 0.7882
CMYK	0.00, 0.23, 0.74, 0.19
HSL	41°, 61%, 51%
HSV	41°, 74%, 81%
XYZ	38.7961, 38.3280, 8.8433
YIQ	161.3820, 62.3130, -22.4790

Conversions

Conversions Part 2

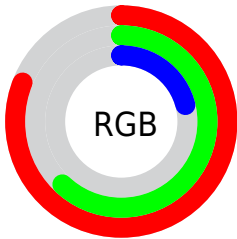
Format	Color
R_{YB}	124, 207, 54
Decimal	13606710
CIE Lab	68.26, 7.70, 58.67
CIE LCh	68, 59.169, 82.523
Yxy	38.3280, 0.4513, 0.4458
Android (android.graphics.Color)	4291796790 (0xFFCF9F36)
YUV	161.3820, -52.9393, 40.0070
Hunter-Lab	61.9096, 3.5165, 34.8676

Details

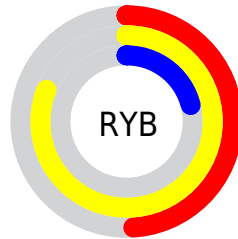
The XYZ color **38.7961, 38.3280, 8.8433** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **17.5350, 14.7915, 60.9619**, and the grayscale version is **34.2737, 36.0586, 39.2678**.

A 20% lighter version of the original color is **67.6881, 69.9100, 23.8364**, and **17.5753, 17.0210, 2.3591** is the 20% darker color. If you saturate the color by 10%, you get **37.3223, 35.9999, 6.4428**, and if you desaturate by 10%, it is **40.5371, 40.8599, 12.3537**.

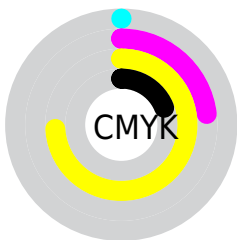
Distribution



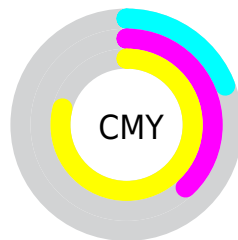
- Red (81%)
- Green (62%)
- Blue (21%)



- Red (49%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (23%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7961, 38.3280, 8.8433 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 38.7961, 38.3280, 8.8433 by changing the saturation by 10% instead.


 38.7961, 38.3280,
8.8433


 38.7961, 38.3280,
8.8433


332.2449,
339.0249, 192.3794


 26.7812, 26.2374,
4.5437


 72.6228, 72.6106,
24.1687


 17.5447, 17.0013,
1.9281


 95.1652, 95.5713,
36.0316

 10.7213, 10.2354,
0.5105


 121.9476,
122.9242, 51.2526

 5.9456, 5.5553,
0.0000

 153.3352,
155.0537, 70.2504

 2.8524, 2.5766,
0.0000

 189.6933,
192.3441, 93.4434

 1.0762, 0.9149,
0.0000

 231.3874,

 0.0051, 0.0000,

235.1798, 121.2502

0.0000

278.7829,
283.9453, 154.0894

■ 0.0000, 0.0000,
0.0000

■ 38.7961, 38.3280,
8.8433

■ 38.7961, 38.3280,
8.8433

■ 37.3223, 35.9999,
6.4428

■ 40.5371, 40.8599,
12.3537

■ 36.0838, 33.8569,
5.0007

■ 42.5670, 43.6011,
17.0952

■ 35.4146, 32.6307,
4.4318

■ 44.9076, 46.5632,
23.1752

■ 47.5778, 49.7551,
30.6890

■ 50.5949, 53.1850,
39.7231

■ 53.9746, 56.8605,
50.3569

■ 57.7317, 60.7888,
62.6644

■ 61.8802, 64.9768,
76.7151

■ 66.4332, 69.4307,
92.5742

Harmonies

Analogous

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



48.3721, 38.3280, 12.9368



38.7961, 38.3280, 8.8433



30.0264, 38.3280, 10.1292

Triad

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



38.7961, 38.3280, 8.8433



22.3339, 38.3280, 64.4701



52.4646, 38.3280, 81.0814

Complementary

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



38.7961, 38.3280, 8.8433



17.5350, 14.7915, 60.9619

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.



43.6840, 38.3280, 108.7770



38.7961, 38.3280, 8.8433



26.6348, 38.3280, 96.6869

Square

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



38.7961, 38.3280, 8.8433



21.4744, 38.3280, 35.4424



34.1614, 38.3280, 115.4537



57.0877, 38.3280, 48.7264

Rectangle

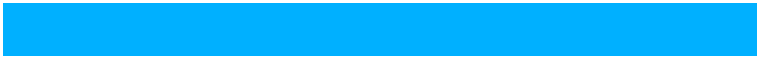
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.7961, 38.3280, 8.8433



25.6723, 38.3280, 14.3038



34.1614, 38.3280, 115.4537



49.8370, 38.3280, 91.7228

Sweetspot

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



38.7970, 38.3299, 8.8440



81.9379, 86.1802, 66.2878



29.4720, 16.8723, 14.3916



17.2363, 18.1111, 13.2596



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.



38.7970, 38.3299, 8.8440



58.5507, 55.5451, 8.7371



41.5575, 54.4694, 11.8138



12.4776, 13.1459, 12.4918



22.4009, 20.7349, 2.8216



1.3218, 1.2979, 0.1809

Inverse Universe

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



17.5350, 14.7915, 60.9619



23.0151, 16.4373, 96.5674



16.0660, 8.9398, 59.9098



11.4620, 12.0142, 14.9585



8.3596, 5.3659, 37.7876



0.5381, 0.4414, 2.1364

Previews

White Background



This preview shows how the XYZ color 38.7961, 38.3280, 8.8433 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 38.7961, 38.3280, 8.8433 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 38.7961, 38.3280, 8.8433

Background



This preview shows how black text looks on a background with the XYZ color 38.7961, 38.3280, 8.8433.



This preview shows how white text looks on a background with the XYZ color 38.7961, 38.3280,

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

38.7961, 38.3280, 8.8433

Protanopia

34.7822, 38.3621, 9.3128

Deuteranopia

39.1872, 38.2754, 8.8125



Tritanopia

44.8242, 38.3291, 38.2935

Trichromacy



Original Color

38.7961, 38.3280, 8.8433

Protanomaly

36.2132, 38.2961, 9.0977

Deuteranomaly

38.9051, 38.1300, 8.7993

Tritanomaly

41.7064, 38.0118, 23.2280

Monochromacy



Original Color

38.7961, 38.3280, 8.8433

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4438, 36.0117, 23.5479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7961, 38.3280, 8.8433 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(207, 159, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 54)  
}
```

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(207, 159, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 54) }
```

Border

The CSS property to change the border of an element to XYZ 38.7961, 38.3280, 8.8433 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(207, 159, 54) }
```


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

```
.border{ border-color:rgb(207, 159, 54) }
```

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

Here you see how a box with a 4 pixel rgb(207, 159, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7961, 38.3280, 8.8433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 54) }
```

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

```
.background{ background-color: rgb(207,  
159, 54) }
```

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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