

Converting Colors

XYZ(40.5339, 31.8845, 7.2558)

Have a look what the booklet for
XYZ(40.5339, 31.8845, 7.2558)
contains.

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Color

**XYZ(40.3938, 31.8277,
7.2632)**

Conversions

Conversions Part 1

Format	Color
Hex	E57E34
RGB	229, 126, 52
RGB Percent	90%, 49%, 20%
CMY	0.1020, 0.5059, 0.7961
CMYK	0.00, 0.45, 0.77, 0.10
HSL	25°, 77%, 55%
HSV	25°, 77%, 90%
XYZ	40.3938, 31.8277, 7.2632
YIQ	148.3610, 85.1420, -1.1780

Conversions

Conversions Part 2

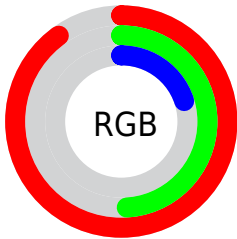
Format	Color
R _Y B	229, 179, 52
Decimal	15040052
CIE Lab	63.20, 34.54, 55.44
CIE LCh	63, 65.319, 58.077
Yxy	31.8277, 0.5082, 0.4004
Android (android.graphics.Color)	4293230132 (0xFFE57E34)
YUV	148.3610, -47.5060, 70.7204
Hunter-Lab	56.4160, 29.0776, 31.8580

Details

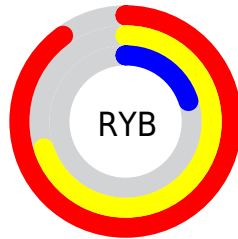
The XYZ color **40.3938, 31.8277, 7.2632** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **27.2795, 29.8281, 78.4478**, and the grayscale version is **28.4677, 29.9502, 32.6158**.

A 20% lighter version of the original color is **60.0094, 54.8818, 20.2624**, and **18.4524, 13.2476, 1.5845** is the 20% darker color. If you saturate the color by 10%, you get **38.4056, 28.4865, 4.6433**, and if you desaturate by 10%, it is **42.8603, 35.7262, 11.2760**.

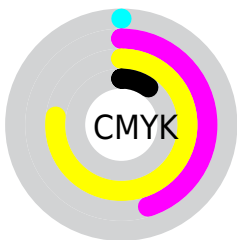
Distribution



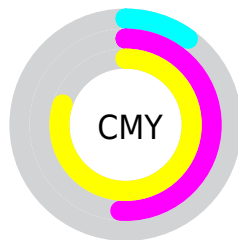
- Red (90%)
- Green (49%)
- Blue (20%)



- Red (90%)
- Yellow (70%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (77%)
- Black (10%)





- Cyan (10%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3938, 31.8277, 7.2632 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 40.3938, 31.8277, 7.2632 by changing the saturation by 10% instead.


 40.3938, 31.8277,
7.2632


 40.3938, 31.8277,
7.2632


338.8866,
310.3336, 179.5462


 28.0313, 21.2299,
3.5463

 75.0433, 62.5409,
21.0226

 18.4898, 13.2922,
1.3799


 98.0611, 83.4251,
31.9022


 11.4040, 7.6300,
0.1260


 125.3613,
108.5069, 46.0064

 6.4086, 3.8592,
0.0000

 157.3093,
138.1707, 63.7538

 3.1381, 1.5951,
0.0000

 194.2705,
172.8008, 85.5630

 1.2272, 0.3543,
0.0000

 236.6102,

 0.1277, 0.0000,

212.7818, 111.8524

0.0000

284.6938,
258.4979, 143.0406

■ 0.0000, 0.0000,
0.0000

■ 40.3938, 31.8277,
7.2632

■ 40.3938, 31.8277,
7.2632

■ 38.4056, 28.4865,
4.6433

■ 42.8603, 35.7262,
11.2760

■ 36.8426, 25.6629,
3.1897


■ 45.8434, 40.2065,
16.8508


■ 36.4727, 24.9777,
2.8988


■ 49.3789, 45.2972,
24.1342


■ 53.4984, 51.0231,
33.2552

■ 58.2309, 57.4074,
44.3300

 63.6031, 64.4719,
57.4653

 69.6401, 72.2376,
72.7600

 76.3656, 80.7241,
90.3066

 83.2984, 89.7490,
107.5407

Harmonies

Analogous

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



48.3045, 31.8277, 16.1230



40.3938, 31.8277, 7.2632



30.8378, 31.8277, 4.9271

Triad

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



40.3938, 31.8277, 7.2632



16.0036, 31.8277, 33.0125



39.1821, 31.8277, 99.6582

Complementary

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



40.3938, 31.8277, 7.2632



27.2795, 29.8281, 78.4478

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.



29.6722, 31.8277, 111.9066



40.3938, 31.8277, 7.2632



17.3711, 31.8277, 63.7259

Square

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



40.3938, 31.8277, 7.2632



17.7768, 31.8277, 14.4487



21.9668, 31.8277, 96.3208



47.5127, 31.8277, 68.1645

Rectangle

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



40.3938, 31.8277, 7.2632



25.1768, 31.8277, 5.6181



21.9668, 31.8277, 96.3208



35.9656, 31.8277, 106.6884

Sweetspot

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



40.3945, 31.8294, 7.2638



77.0665, 76.9070, 63.2164



39.4784, 21.4891, 33.1879



15.9793, 15.7782, 12.2827



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.



40.3945, 31.8294, 7.2638



47.7099, 34.0271, 4.6191



57.0425, 65.1254, 12.8131



14.8697, 15.3532, 15.0842



20.9663, 14.5068, 1.6950



1.6394, 1.2521, 0.1553

Inverse Universe

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



27.2795, 29.8281, 78.4478



30.1590, 31.0719, 99.0157



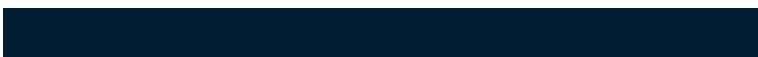
17.5515, 10.3721, 75.2051



14.2760, 15.2734, 18.3400



13.0231, 13.1083, 44.2269



1.0537, 1.1513, 3.2986

Previews

White Background



This preview shows how the XYZ color 40.3938, 31.8277, 7.2632 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 40.3938, 31.8277, 7.2632 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 40.3938, 31.8277, 7.2632

Background



This preview shows how black text looks on a background with the XYZ color 40.3938, 31.8277, 7.2632.



This preview shows how white text looks on a background with the XYZ color 40.3938, 31.8277,

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

40.3938, 31.8277, 7.2632

Protanopia

29.1658, 32.0954, 8.9328

Deuteranopia

32.5103, 31.9615, 7.0405



Tritanopia

43.9135, 31.8128, 23.9047

Trichromacy



Original Color

40.3938, 31.8277, 7.2632

Protanomaly

32.4500, 31.4484, 8.2307

Deuteranomaly

34.9430, 31.6578, 7.0652

Tritanomaly

42.4163, 31.7506, 15.9495

Monochromacy



Original Color

40.3938, 31.8277, 7.2632

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.4902, 29.2955, 19.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3938, 31.8277, 7.2632 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(229, 126, 52)` looks like.

```
.text, #text, p{  
    color:rgb(229, 126, 52)  
}
```

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(229, 126, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 126, 52) }
```

Border

The CSS property to change the border of an element to XYZ 40.3938, 31.8277, 7.2632 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(229, 126, 52) }
```


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

```
.border{ border-color:rgb(229, 126, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 126, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 126, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 126, 52);  
box-shadow:4px 4px 4px 4px rgb(229, 126,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3938, 31.8277, 7.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 126, 52) }
```

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

```
.background{ background-color: rgb(229,  
126, 52) }
```

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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