

Converting Colors

XYZ(33.6250, 27.4273, 6.1065)

Have a look what the booklet for
XYZ(33.6250, 27.4273, 6.1065)
contains.

XYZ(33.6250, 27.4273, 6.1065)	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(33.6250, 27.4273,
6.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	D1792E
RGB	209, 121, 46
RGB Percent	82%, 47%, 18%
CMY	0.1804, 0.5255, 0.8196
CMYK	0.00, 0.42, 0.78, 0.18
HSL	28°, 64%, 50%
HSV	28°, 78%, 82%
XYZ	33.6250, 27.4273, 6.1065
YIQ	138.7620, 76.5230, -4.6690

Conversions

Conversions Part 2

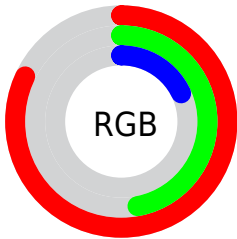
Format	Color
R _Y B	209, 185, 46
Decimal	13728046
CIE Lab	59.37, 28.77, 53.39
CIE LCh	59, 60.645, 61.685
Yxy	27.4273, 0.5007, 0.4084
Android (android.graphics.Color)	4291918126 (0xFFD1792E)
YUV	138.7620, -45.7317, 61.5987
Hunter-Lab	52.3711, 22.9570, 29.7465

Details

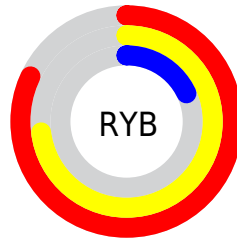
The XYZ color **33.6250, 27.4273, 6.1065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **21.1598, 22.2332, 63.4974**, and the grayscale version is **24.5995, 25.8806, 28.1839**.

A 20% lighter version of the original color is **58.5337, 52.3952, 18.3375**, and **14.6477, 10.8960, 1.3311** is the 20% darker color. If you saturate the color by 10%, you get **32.0170, 24.7181, 4.0091**, and if you desaturate by 10%, it is **35.5950, 30.5403, 9.3136**.

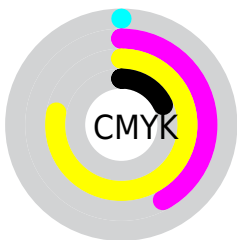
Distribution



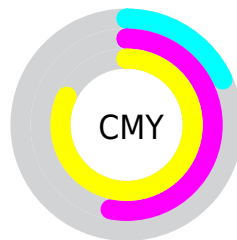
- Red (82%)
- Green (47%)
- Blue (18%)



- Red (82%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (42%)
- Yellow (78%)
- Black (18%)





- Cyan (18%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6250, 27.4273, 6.1065 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 33.6250, 27.4273, 6.1065 by changing the saturation by 10% instead.


 33.6250, 27.4273,
6.1065


 33.6250, 27.4273,
6.1065


310.0721,
289.7201, 169.3569


 22.7672, 17.8944,
2.8401


 64.6983, 55.5688,
18.6330


 14.5414, 10.8742,
1.0136


 85.6444, 74.9462,
28.7302


 8.5824, 5.9823,
0.0000


 110.6841, 98.3738,
41.9415

 4.5247, 2.8343,
0.0000

 140.1826,
126.2362, 58.6853

 2.0031, 1.0459,
0.0000

 174.5053,
158.9176, 79.3802

 0.6357, 0.0000,
0.0000

 214.0175,

 0.0000, 0.0000,

196.8024, 104.4447

0.0000

259.0847,
240.2751, 134.2974

■ 33.6250, 27.4273,
6.1065

■ 33.6250, 27.4273,
6.1065

■ 32.0170, 24.7181,
4.0091

■ 35.5950, 30.5403,
9.3136

■ 30.7264, 22.3825,
2.8215

■ 37.9561, 34.0735,
13.7659

■ 30.4929, 21.9524,
2.6301

■ 40.7357, 38.0472,
19.5808

■ 43.9580, 42.4785,
26.8616

■ 47.6450, 47.3838,
35.7013

■ 51.8170, 52.7781,
46.1853

■ 56.4930, 58.6760,
58.3927

■ 61.6910, 65.0913,
72.3974

■ 67.4279, 72.0371,
88.2691

Harmonies

Analogous

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



40.5705, 27.4273, 12.8455



33.6250, 27.4273, 6.1065



25.6419, 27.4273, 4.5347

Triad

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



33.6250, 27.4273, 6.1065



14.0292, 27.4273, 31.1101



34.5138, 27.4273, 81.4447

Complementary

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



33.6250, 27.4273, 6.1065



21.1598, 22.2332, 63.4974

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.



26.5005, 27.4273, 94.1868



33.6250, 27.4273, 6.1065



15.5143, 27.4273, 57.6490

Square

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



33.6250, 27.4273, 6.1065



15.2126, 27.4273, 14.0975



19.7390, 27.4273, 83.8682



41.1497, 27.4273, 54.4102

Rectangle

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



33.6250, 27.4273, 6.1065



21.0378, 27.4273, 5.4243



19.7390, 27.4273, 83.8682



31.8441, 27.4273, 88.0023

Sweetspot

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



33.6256, 27.4287, 6.1070



77.7218, 78.2177, 63.4348



31.6905, 17.2770, 24.8271



16.1367, 16.0929, 12.3352



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.



33.6256, 27.4287, 6.1070



48.7381, 36.1148, 4.8653



47.6391, 55.4556, 10.7781



12.2506, 12.6918, 12.4161



18.8975, 13.7279, 1.6538



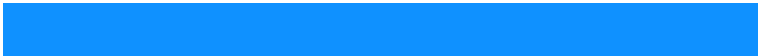
1.1356, 0.9255, 0.1188

Inverse Universe

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



21.1598, 22.2332, 63.4974



28.3316, 27.4835, 98.4194



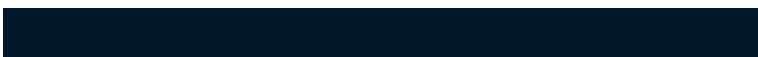
13.9616, 7.8368, 61.0980



11.6848, 12.4598, 15.0328



10.8246, 10.2959, 38.6093



0.6842, 0.7335, 2.1851

Previews

White Background



This preview shows how the XYZ color 33.6250, 27.4273, 6.1065 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6250, 27.4273, 6.1065 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 × Fail

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

XYZ 33.6250, 27.4273, 6.1065

Background



This preview shows how black text looks on a background with the XYZ color 33.6250, 27.4273, 6.1065.



This preview shows how white text looks on a background with the XYZ color 33.6250, 27.4273,

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

33.6250, 27.4273, 6.1065

Protanopia

25.0903, 27.6680, 7.2669

Deuteranopia

28.0268, 27.4717, 5.9232



Tritanopia

36.8586, 27.3615, 21.7510

Trichromacy



Original Color

33.6250, 27.4273, 6.1065

Protanomaly

27.7400, 27.3036, 6.8257

Deuteranomaly

30.0382, 27.4834, 6.0071

Tritanomaly

35.4171, 27.2960, 13.9916

Monochromacy



Original Color

33.6250, 27.4273, 6.1065

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1109, 25.4150, 16.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6250, 27.4273, 6.1065 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(209, 121, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 121, 46)  
}
```

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(209, 121, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 121, 46) }
```

Border

The CSS property to change the border of an element to XYZ 33.6250, 27.4273, 6.1065 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(209, 121, 46) }
```


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

```
.border{ border-color:rgb(209, 121, 46) }
```

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

Here you see how a box with a 4 pixel rgb(209, 121, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 121, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 121, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 121,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6250, 27.4273, 6.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 121, 46) }
```

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

```
.background{ background-color: rgb(209,  
121, 46) }
```

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