

Converting Colors

XYZ(27.5208, 17.0292, 1.8365)

Have a look what the booklet for
XYZ(27.5208, 17.0292, 1.8365)
contains.

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Color

**XYZ(27.6224, 17.0460,
1.8343)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF4100 |
| RGB | 207, 65, 0 |
| RGB Percent | 81%, 25%, 0% |
| CMY | 0.1882, 0.7451, 1.0000 |
| CMYK | 0.00, 0.69, 1.00, 0.19 |
| HSL | 19°, 100%, 41% |
| HSV | 19°, 100%, 81% |
| XYZ | 27.6224, 17.0460, 1.8343 |
| YIQ | 100.0480, 105.4970, 9.8890 |

Conversions

Conversions Part 2

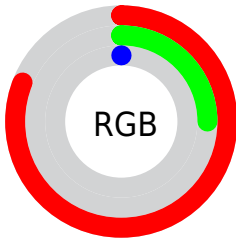
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 207, 95, 0 |
| Decimal | 13582592 |
| CIE Lab | 48.32, 53.96, 59.62 |
| CIE LCh | 48, 80.413, 47.855 |
| Yxy | 17.0460, 0.5940, 0.3666 |
| Android (android.graphics.Color) | 4291772672 (0xFFCF4100) |
| YUV | 100.0480, -49.3237, 93.7969 |
| Hunter-Lab | 41.2868, 47.1712, 26.2666 |

Details

The XYZ color **27.6224, 17.0460, 1.8343** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20.9340, 23.8481, 62.5307**, and the grayscale version is **12.2295, 12.8664, 14.0115**.

A 20% lighter version of the original color is **48.7459, 35.0087, 8.3258**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **27.6227, 17.0469, 1.8345**, and if you desaturate by 10%, it is **28.6756, 18.9405, 2.8395**.

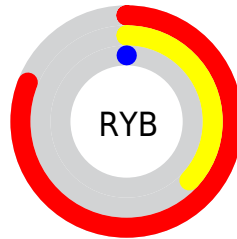
Distribution



Red (81%)

Green (25%)

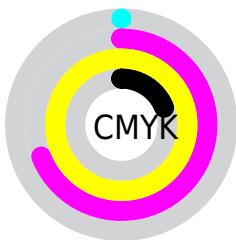
Blue (0%)



Red (81%)

Yellow (37%)

Blue (0%)

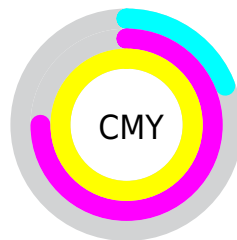


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6224, 17.0460, 1.8343 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 27.6224, 17.0460, 1.8343 by changing the saturation by 10% instead.


 27.6224, 17.0460,
1.8343


 27.6224, 17.0460,
1.8343


 282.7711,
235.4373, 119.7483


 18.1802, 10.2673,
0.4504


 55.2939, 38.4048,
8.5826


 11.1799, 5.5765,
0.0000


 74.2539, 53.7538,
14.8701


 6.2562, 2.5893,
0.0000


 97.1172, 72.7282,
23.6577

 3.0436, 0.9213,
0.0000

 124.2492, 95.7126,
35.3641

 1.1769, 0.0000,
0.0000

 156.0153,
123.0913, 50.4079

 0.0880, 0.0000,
0.0000


 192.7807,


 0.0000, 0.0000,


155.2488, 69.2075


0.0000


 234.9108,
192.5693, 92.1814


 27.6224, 17.0460,
1.8343


 27.6224, 17.0460,
1.8343


 27.6227, 17.0469,
1.8345

 28.6756, 18.9405,
2.8395

 30.0894, 21.3287,
4.6657

 31.9254, 24.2566,
7.5713

 34.2213, 27.7582,
11.6976

 37.0102, 31.8644,
17.1640

■ 40.3216, 36.6035,
24.0754

■ 44.1828, 42.0019,
32.5264

■ 48.6187, 48.0847,
42.6034

■ 53.6528, 54.8752,
54.3862

Harmonies

Analogous

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



33.6668, 17.0460, 8.7288



27.6224, 17.0460, 1.8343



19.3524, 17.0460, 0.3281

Triad

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



27.6224, 17.0460, 1.8343



5.9579, 17.0460, 11.2957



20.9203, 17.0460, 89.6209

Complementary

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



27.6224, 17.0460, 1.8343



20.9340, 23.8481, 62.5307

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.



13.4130, 17.0460, 92.6282



27.6224, 17.0460, 1.8343



6.1464, 17.0460, 33.8967

Square

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



27.6224, 17.0460, 1.8343



7.8355, 17.0460, 2.5120



8.4634, 17.0460, 67.4780



29.0642, 17.0460, 60.9738

Rectangle

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



27.6224, 17.0460, 1.8343



14.3503, 17.0460, 0.2550



8.4634, 17.0460, 67.4780



18.2059, 17.0460, 94.1692

Sweetspot

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



27.6228, 17.0470, 1.8346



70.5702, 66.9824, 51.5926



30.8350, 15.3065, 28.0768



14.5191, 13.5221, 9.7479



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.



27.6228, 17.0470, 1.8346



44.1148, 27.0096, 2.8883



39.2954, 40.3923, 5.7254



12.1074, 12.4054, 12.3684



17.4789, 10.8908, 1.1809



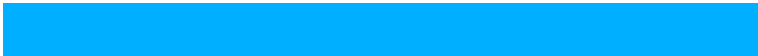
1.0480, 0.7504, 0.0896

Inverse Universe

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



20.9340, 23.8481, 62.5307



33.3636, 37.8473, 100.1545



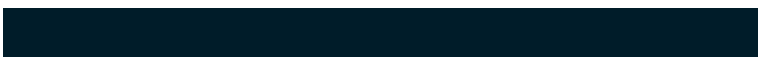
12.0693, 6.1187, 59.5758



11.8322, 12.7546, 15.0819



13.2774, 15.2015, 39.4269



0.8117, 0.9886, 2.2276

Previews

White Background



This preview shows how the XYZ color 27.6224, 17.0460, 1.8343 looks on a white 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

Black Background



This preview shows how the XYZ color 27.6224, 17.0460, 1.8343 looks on a black 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

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

XYZ 27.6224, 17.0460, 1.8343

Background



This preview shows how black text looks on a background with the XYZ color 27.6224, 17.0460, 1.8343.



This preview shows how white text looks on a background with the XYZ color 27.6224, 17.0460,

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

27.6224, 17.0460, 1.8343

Protanopia

15.5961, 17.2945, 3.2752

Deuteranopia

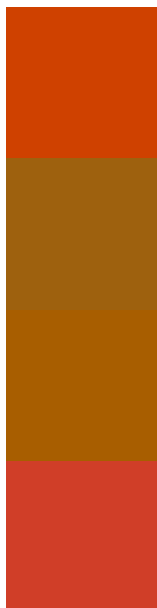
17.4300, 17.2629, 2.4134



Tritanopia

28.5784, 17.1063, 6.4982

Trichromacy



Original Color

27.6224, 17.0460, 1.8343

Protanomaly

18.4545, 15.8502, 2.5022

Deuteranomaly

20.1512, 16.3302, 2.0900

Tritanomaly

28.1181, 17.0083, 3.8084

Monochromacy



Original Color

27.6224, 17.0460, 1.8343

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.9811, 12.6755, 6.5075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6224, 17.0460, 1.8343 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, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 65, 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(207, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 65, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.6224, 17.0460, 1.8343 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, 65, 0) }
```


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

```
.border{ border-color:rgb(207, 65, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 65, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 65, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.6224, 17.0460, 1.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 65, 0) }
```

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

```
.background{ background-color: rgb(207, 65,  
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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