

Converting Colors

XYZ(27.1686, 22.4273, 1.5715)

Have a look what the booklet for
XYZ(27.1686, 22.4273, 1.5715)
contains.

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Color

**XYZ(27.4227, 22.5753,
2.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	C06F00
RGB	192, 111, 0
RGB Percent	75%, 44%, 0%
CMY	0.2471, 0.5647, 1.0000
CMYK	0.00, 0.42, 1.00, 0.25
HSL	35°, 100%, 38%
HSV	35°, 100%, 75%
XYZ	27.4227, 22.5753, 2.9121
YIQ	122.5650, 83.9070, -17.3490

Conversions

Conversions Part 2

Format	Color
R_{YB}	140, 192, 0
Decimal	12611328
CIE _{Lab}	54.63, 25.94, 61.97
CIE _{LCh}	55, 67.180, 67.285
Yxy	22.5753, 0.5183, 0.4267
Android (android.graphics.Color)	4290801408 (0xFFC06F00)
YUV	122.5650, -60.4245, 60.8945
Hunter-Lab	47.5135, 19.8738, 29.6255

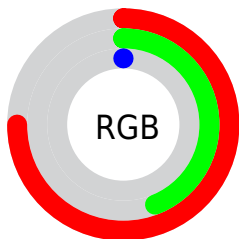
Details

The XYZ color **27.4227, 22.5753, 2.9121** is a dark color, and the websafe version is hex **CC6600**.

The color can be described as dark washed orange. A complement of this color would be **12.4569, 9.6906, 51.0829**, and the grayscale version is **18.8574, 19.8395, 21.6052**.

A 20% lighter version of the original color is **54.9536, 47.6586, 11.4569**, and **11.2383, 8.3508, 1.0195** is the 20% darker color. If you saturate the color by 10%, you get **27.4229, 22.5760, 2.9123**, and if you desaturate by 10%, it is **28.4668, 24.4728, 3.8487**.

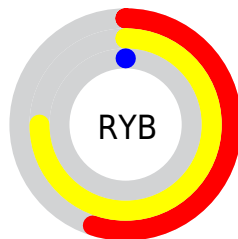
Distribution



Red (75%)

Green (44%)

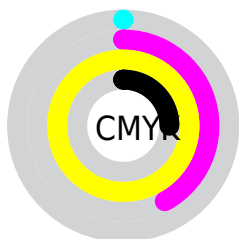
Blue (0%)



Red (55%)

Yellow (75%)

Blue (0%)

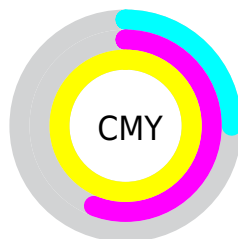


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4227, 22.5753, 2.9121 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 27.4227, 22.5753, 2.9121 by changing the saturation by 10% instead.

 27.4227, 22.5753,
2.9121


 27.4227, 22.5753,
2.9121


281.8283,
265.5361, 135.2331


 18.0292, 14.2802,
1.0499


 54.9765, 47.6950,
11.4108

 11.0707, 8.3158,
0.0000


 73.8676, 65.2885,
18.8843


 6.1821, 4.2977,
0.0000


 96.6551, 86.7501,
29.0654

 2.9978, 1.8414,
0.0000

 123.7045,
112.4645, 42.3726

 1.1526, 0.5128,
0.0000

 155.3812,
142.8158, 59.2245

 0.0685, 0.0000,
0.0000

 192.0505,


 0.0000, 0.0000,


178.1886, 80.0395


0.0000


 234.0778,
218.9672, 105.2362


 27.4227, 22.5753,
2.9121


 27.4227, 22.5753,
2.9121


 27.4229, 22.5760,
2.9123

 28.4668, 24.4728,
3.8487

 29.7104, 26.5807,
5.4329

 31.1984, 28.9209,
7.8885

 32.9541, 31.5060,
11.3296

 34.9976, 34.3468,
15.8527

■ 37.3466, 37.4533,
21.5425

■ 40.0174, 40.8347,
28.4755

■ 43.0247, 44.4997,
36.7215

■ 46.3823, 48.4564,
46.3449

Harmonies

Analogous

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



34.8587, 22.5753, 7.2555



27.4227, 22.5753, 2.9121



19.7059, 22.5753, 2.2820

Triad

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



27.4227, 22.5753, 2.9121



10.2265, 22.5753, 30.1082



31.2632, 22.5753, 73.2309

Complementary

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



27.4227, 22.5753, 2.9121



12.4569, 9.6906, 51.0829

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.



23.3092, 22.5753, 91.0395



27.4227, 22.5753, 2.9121



12.0238, 22.5753, 58.3760

Square

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



27.4227, 22.5753, 2.9121



10.8407, 22.5753, 11.9808



16.4263, 22.5753, 84.4387



37.4075, 22.5753, 43.8729

Rectangle

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



27.4227, 22.5753, 2.9121



15.5822, 22.5753, 3.2554



16.4263, 22.5753, 84.4387



28.6494, 22.5753, 81.3560

Sweetspot

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



27.4232, 22.5765, 2.9125



72.2618, 73.6826, 50.9350



23.3074, 11.8342, 9.2806



15.0483, 15.2376, 9.7312



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4232, 22.5765, 2.9125



49.4343, 40.3971, 5.1919



37.4863, 47.3067, 7.1555



10.5459, 11.0232, 10.6337



18.5312, 15.3481, 1.9858



0.8677, 0.7972, 0.1081

Inverse Universe

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



12.4569, 9.6906, 51.0829



22.3343, 17.0853, 92.4809



9.6776, 3.8900, 50.1097



9.8697, 10.4308, 12.7780



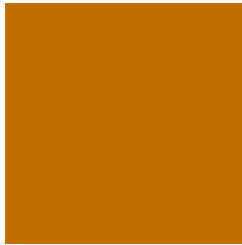
8.4555, 6.6675, 34.3979



0.4335, 0.4243, 1.5089

Previews

White Background



This preview shows how the XYZ color 27.4227, 22.5753, 2.9121 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 27.4227, 22.5753, 2.9121 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 27.4227, 22.5753, 2.9121

Background



This preview shows how black text looks on a background with the XYZ color 27.4227, 22.5753, 2.9121.



This preview shows how white text looks on a background with the XYZ color 27.4227, 22.5753,

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

27.4227, 22.5753, 2.9121

Protanopia

20.5502, 22.8329, 3.7760

Deuteranopia

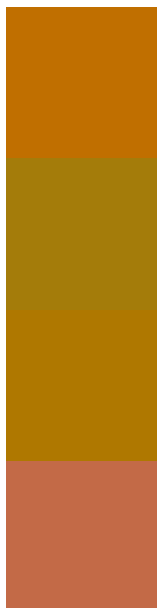
23.0595, 22.7742, 3.1805



Tritanopia

30.4844, 22.5840, 17.7914

Trichromacy



Original Color

27.4227, 22.5753, 2.9121

Protanomaly

22.5723, 22.3297, 3.4075

Deuteranomaly

24.3957, 22.5469, 3.0662

Tritanomaly

28.7970, 22.3651, 8.7604

Monochromacy



Original Color

27.4227, 22.5753, 2.9121

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.1847, 20.0396, 10.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4227, 22.5753, 2.9121 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(192, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 111, 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(192, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 111, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.4227, 22.5753, 2.9121 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(192, 111, 0) }
```


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

```
.border{ border-color:rgb(192, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 111,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4227, 22.5753, 2.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 111, 0) }
```

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

```
.background{ background-color: rgb(192,  
111, 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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