

Converting Colors

XYZ(27.9546, 22.1428, 8.1719)

Have a look what the booklet for
XYZ(27.9546, 22.1428, 8.1719)
contains.

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Color

**XYZ(28.0090, 22.1271,
8.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	C06B43
RGB	192, 107, 67
RGB Percent	75%, 42%, 26%
CMY	0.2471, 0.5804, 0.7373
CMYK	0.00, 0.44, 0.65, 0.25
HSL	19°, 50%, 51%
HSV	19°, 65%, 75%
XYZ	28.0090, 22.1271, 8.1049
YIQ	127.8550, 63.5000, 5.5800

Conversions

Conversions Part 2

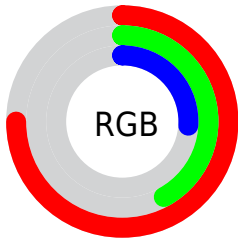
Format	Color
RYB	192, 126, 67
Decimal	12610371
CIELab	54.16, 30.31, 36.84
CIElCh	54, 47.702, 50.554
Yxy	22.1271, 0.4809, 0.3799
Android (android.graphics.Color)	4290800451 (0xFFC06B43)
YUV	127.8550, -30.0015, 56.2552
Hunter-Lab	47.0395, 23.9664, 22.7119

Details

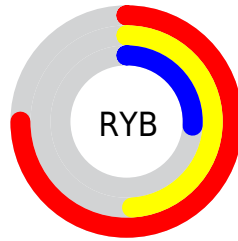
The XYZ color **28.0090, 22.1271, 8.1049** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.0565, 27.4538, 53.9527**, and the grayscale version is **20.5534, 21.6238, 23.5483**.

A 20% lighter version of the original color is **55.6954, 46.7527, 22.6117**, and **11.4799, 8.1486, 1.6772** is the 20% darker color. If you saturate the color by 10%, you get **26.2658, 19.4148, 5.1379**, and if you desaturate by 10%, it is **30.1497, 25.3291, 12.1466**.

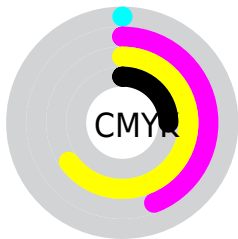
Distribution



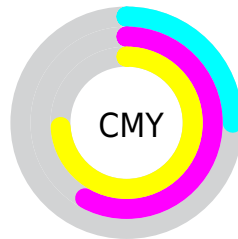
- Red (75%)
- Green (42%)
- Blue (26%)



- Red (75%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0090, 22.1271, 8.1049 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 28.0090, 22.1271, 8.1049 by changing the saturation by 10% instead.


 28.0090, 22.1271,
8.1049

 28.0090, 22.1271,
8.1049


284.5892,
263.2093, 186.5177


 18.4729, 13.9503,
4.0734


 55.9074, 46.9560,
22.7134


 11.3918, 8.0861,
1.6657


 75.0004, 64.3769,
34.1275

 6.4002, 4.1501,
0.3371


 98.0097, 85.6479,
48.8395

 3.1329, 1.7579,
0.0000

 125.3008,
111.1535, 67.2680

 1.2244, 0.4607,
0.0000

 157.2389,
141.2780, 89.8315

 0.1255, 0.0000,
0.0000

194.1894,

 0.0000, 0.0000,

176.4059, 116.9486

0.0000

236.5178,
216.9216, 149.0379

■ 28.0090, 22.1271,
8.1049

■ 28.0090, 22.1271,
8.1049

■ 26.2658, 19.4148,
5.1379

■ 30.1497, 25.3291,
12.1466

■ 24.8896, 17.1625,
3.1376

■ 32.7120, 29.0415,
17.3544

■ 23.8470, 15.3420,
1.9744

■ 35.7196, 33.2875,
23.8112

■ 23.4308, 14.5919,
1.5816

■ 39.1940, 38.0881,
31.5919

■ 43.1552, 43.4631,
40.7654

■ 47.6218, 49.4311,
51.3961

■ 52.6117, 56.0099,
63.5439

■ 58.1415, 63.2165,
77.2656

■ 64.2274, 71.0674,
92.6151

Harmonies

Analogous

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



31.7936, 22.1271, 15.4074



28.0090, 22.1271, 8.1049



22.7071, 22.1271, 5.4958

Triad

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



28.0090, 22.1271, 8.1049



12.6624, 22.1271, 19.7112



24.7222, 22.1271, 61.8467

Complementary

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



28.0090, 22.1271, 8.1049



23.0565, 27.4538, 53.9527

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.



19.4398, 22.1271, 64.5626



28.0090, 22.1271, 8.1049



13.0212, 22.1271, 35.5486

Square

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



28.0090, 22.1271, 8.1049



14.2441, 22.1271, 10.1421



15.3206, 22.1271, 53.4850



29.6904, 22.1271, 47.1172

Rectangle

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



28.0090, 22.1271, 8.1049



19.2605, 22.1271, 5.5316



15.3206, 22.1271, 53.4850



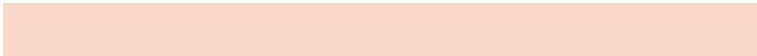
22.9071, 22.1271, 64.3781

Sweetspot

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



28.0095, 22.1283, 8.1053



74.3388, 73.5405, 64.8712



29.4470, 17.5015, 31.7111



15.5208, 15.1954, 12.9324



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.



28.0095, 22.1283, 8.1053



46.4810, 33.3881, 7.6064



36.9546, 40.0185, 11.0870



10.3305, 10.5924, 10.5619



15.8295, 9.9448, 1.0852



0.7472, 0.5563, 0.0680

Inverse Universe

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



23.0565, 27.4538, 53.9527



36.6941, 43.4677, 96.8164



15.4784, 12.2975, 51.4266



10.0880, 10.8672, 12.8507



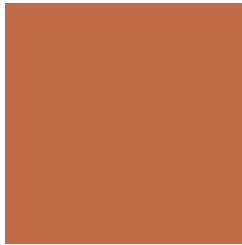
11.8960, 13.5484, 35.5447



0.5740, 0.7054, 1.5558

Previews

White Background



This preview shows how the XYZ color 28.0090, 22.1271, 8.1049 looks on a white background.

Color Contrast Check

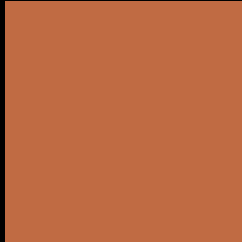
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0090, 22.1271, 8.1049 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 28.0090, 22.1271, 8.1049

Background



This preview shows how black text looks on a background with the XYZ color 28.0090, 22.1271, 8.1049.



This preview shows how white text looks on a background with the XYZ color 28.0090, 22.1271,

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

28.0090, 22.1271, 8.1049

Protanopia

20.5803, 22.3129, 9.8787

Deuteranopia

22.6021, 22.2478, 7.8056



Tritanopia

30.0174, 22.2090, 17.1727

Trichromacy



Original Color

28.0090, 22.1271, 8.1049

Protanomaly

22.8272, 21.9640, 9.1672

Deuteranomaly

24.4171, 22.0977, 7.8288

Tritanomaly

29.2188, 22.1781, 13.3305

Monochromacy



Original Color

28.0090, 22.1271, 8.1049

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0805, 21.0529, 16.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0090, 22.1271, 8.1049 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, 107, 67)` looks like.

```
.text, #text, p{  
    color:rgb(192, 107, 67)  
}
```

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, 107, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 107, 67) }
```

Border

The CSS property to change the border of an element to XYZ 28.0090, 22.1271, 8.1049 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, 107, 67) }
```


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

```
.border{ border-color:rgb(192, 107, 67) }
```

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

Here you see how a box with a 4 pixel rgb(192, 107, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 107, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 107, 67);  
box-shadow:4px 4px 4px 4px rgb(192, 107,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0090, 22.1271, 8.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 107, 67) }
```

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

```
.background{ background-color: rgb(192,  
107, 67) }
```

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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