

Converting Colors

XYZ(27.4245, 22.2941, 4.7130)

Have a look what the booklet for
XYZ(27.4245, 22.2941, 4.7130)
contains.

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Color

**XYZ(27.4116, 22.3682,
4.7065)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6E26
RGB	191, 110, 38
RGB Percent	75%, 43%, 15%
CMY	0.2510, 0.5686, 0.8510
CMYK	0.00, 0.42, 0.80, 0.25
HSL	28°, 67%, 45%
HSV	28°, 80%, 75%
XYZ	27.4116, 22.3682, 4.7065
YIQ	126.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

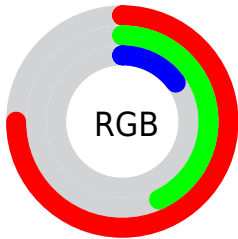
Format	Color
R_{YB}	191, 174, 38
Decimal	12545574
CIE _{Lab}	54.42, 26.83, 51.22
CIE _{LCh}	54, 57.818, 62.351
Yxy	22.3682, 0.5031, 0.4105
Android (android.graphics.Color)	4290735654 (0xFFBF6E26)
YUV	126.0110, -43.3894, 56.9954
Hunter-Lab	47.2950, 20.6900, 27.2064

Details

The XYZ color **27.4116, 22.3682, 4.7065** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.7996, 17.3663, 51.7563**, and the grayscale version is **19.9616, 21.0011, 22.8702**.

A 20% lighter version of the original color is **54.8684, 47.2574, 15.6809**, and **11.1845, 8.2430, 1.0016** is the 20% darker color. If you saturate the color by 10%, you get **26.1494, 20.2171, 3.1358**, and if you desaturate by 10%, it is **28.9573, 24.8338, 7.1515**.

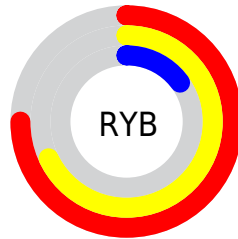
Distribution



Red (75%)

Green (43%)

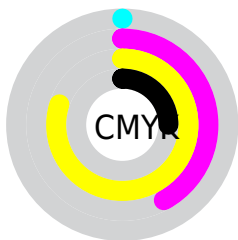
Blue (15%)



Red (75%)

Yellow (68%)

Blue (15%)

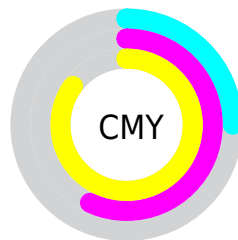


Cyan (0%)

Magenta (42%)

Yellow (80%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4116, 22.3682, 4.7065 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 27.4116, 22.3682, 4.7065 by changing the saturation by 10% instead.

 27.4116, 22.3682,
4.7065

 27.4116, 22.3682,
4.7065


281.7759,
264.4631, 155.7813


 18.0208, 14.1277,
2.0204


 54.9589, 47.3538,
15.6089

 11.0647, 8.2095,
0.5678


 73.8461, 64.8677,
24.6623

 6.1780, 4.2293,
0.0000


 96.6294, 86.2415,
36.6752

 2.9953, 1.8026,
0.0000

 123.6742,
111.8596, 52.0662

 1.1513, 0.4888,
0.0000

 155.3460,
142.1064, 71.2537

 0.0674, 0.0000,
0.0000

 192.0099,

 0.0000, 0.0000,

177.3664, 94.6564

0.0000

234.0314,
218.0238, 122.6927

■ 27.4116, 22.3682,
4.7065

■ 27.4116, 22.3682,
4.7065

■ 26.1494, 20.2171,
3.1358

■ 28.9573, 24.8338,
7.1515

■ 25.1324, 18.3697,
2.2211

■ 30.8102, 27.6269,
10.5831

■ 32.9927, 30.7635,
15.0977

■ 35.5242, 34.2571,
20.7799

■ 38.4224, 38.1204,
27.7056

■ 41.7037, 42.3653,
35.9443

■ 45.3833, 47.0032,
45.5605

■ 49.4757, 52.0448,
56.6141

■ 53.9943, 57.5005,
69.1616

Harmonies

Analogous

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



33.2648, 22.3682, 10.0772



27.4116, 22.3682, 4.7065



20.7657, 22.3682, 3.5074

Triad

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



27.4116, 22.3682, 4.7065



11.2846, 22.3682, 25.8108



28.4471, 22.3682, 67.1632

Complementary

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



27.4116, 22.3682, 4.7065



16.7996, 17.3663, 51.7563

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.



21.7627, 22.3682, 78.2901



27.4116, 22.3682, 4.7065



12.5594, 22.3682, 48.1233

Square

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



27.4116, 22.3682, 4.7065



12.2117, 22.3682, 11.5135



16.1058, 22.3682, 70.0097



33.9411, 22.3682, 44.3340

Rectangle

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



27.4116, 22.3682, 4.7065



16.9665, 22.3682, 4.2667



16.1058, 22.3682, 70.0097



26.2235, 22.3682, 72.7937

Sweetspot

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



27.4121, 22.3694, 4.7069



72.0933, 72.5409, 57.7711



25.5448, 13.8090, 18.9616



15.3715, 15.3329, 11.5378



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.



27.4121, 22.3694, 4.7069



45.4517, 33.6918, 4.3917



39.3732, 46.2915, 8.6939



9.8904, 10.2568, 10.0351



16.5962, 12.2311, 1.4861



0.7156, 0.6101, 0.0800

Inverse Universe

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



16.7996, 17.3663, 51.7563



25.7141, 24.2962, 91.6135



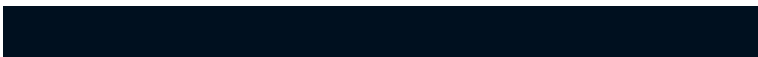
11.0709, 5.9089, 49.8467



9.4233, 10.0389, 12.1132



9.3268, 8.7654, 33.5932



0.4303, 0.4733, 1.3375

Previews

White Background



This preview shows how the XYZ color 27.4116, 22.3682, 4.7065 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 27.4116, 22.3682, 4.7065 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 27.4116, 22.3682, 4.7065

Background



This preview shows how black text looks on a background with the XYZ color 27.4116, 22.3682, 4.7065.



This preview shows how white text looks on a background with the XYZ color 27.4116, 22.3682,

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

27.4116, 22.3682, 4.7065

Protanopia

20.4064, 22.5180, 5.5564

Deuteranopia

22.7920, 22.4176, 4.5646



Tritanopia

30.1704, 22.4284, 17.4908

Trichromacy



Original Color

27.4116, 22.3682, 4.7065

Protanomaly

22.3835, 22.0074, 5.1659

Deuteranomaly

24.3558, 22.3137, 4.6134

Tritanomaly

29.0024, 22.4175, 11.1859

Monochromacy



Original Color

27.4116, 22.3682, 4.7065

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3145, 20.7251, 13.4666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4116, 22.3682, 4.7065 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(191, 110, 38)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 38)  
}
```

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(191, 110, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 38) }
```

Border

The CSS property to change the border of an element to XYZ 27.4116, 22.3682, 4.7065 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(191, 110, 38) }
```


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

```
.border{ border-color:rgb(191, 110, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 38);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4116, 22.3682, 4.7065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 38) }
```

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

```
.background{ background-color: rgb(191,  
110, 38) }
```

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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