

Converting Colors

XYZ(27.9231, 22.6904, 15.4157)

Have a look what the booklet for
XYZ(27.9231, 22.6904, 15.4157)
contains.

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Color

**XYZ(27.9596, 22.7380,
15.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	B87066
RGB	184, 112, 102
RGB Percent	72%, 44%, 40%
CMY	0.2784, 0.5608, 0.6000
CMYK	0.00, 0.39, 0.45, 0.28
HSL	7°, 37%, 56%
HSV	7°, 45%, 72%
XYZ	27.9596, 22.7380, 15.4856
YIQ	132.3880, 46.1220, 12.1540

Conversions

Conversions Part 2

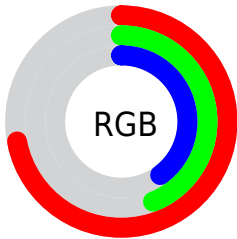
Format	Color
RYB	184, 113, 102
Decimal	12087398
CIELab	54.80, 27.35, 17.67
CIELCh	55, 32.568, 32.869
Yxy	22.7380, 0.4225, 0.3436
Android (android.graphics.Color)	4290277478 (0xFFB87066)
YUV	132.3880, -14.9813, 45.2637
Hunter-Lab	47.6844, 21.2153, 14.1245

Details

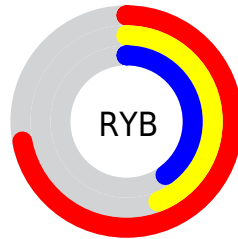
The XYZ color **27.9596, 22.7380, 15.4856** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2665, 36.5559, 50.8608**, and the grayscale version is **22.1136, 23.2653, 25.3359**.

A 20% lighter version of the original color is **55.8229, 48.0874, 36.4766**, and **11.3692, 8.4200, 4.6404** is the 20% darker color. If you saturate the color by 10%, you get **25.5210, 19.1626, 10.6594**, and if you desaturate by 10%, it is **30.9218, 27.0363, 21.4859**.

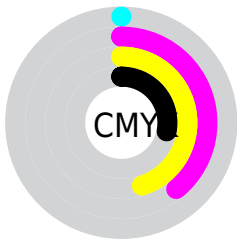
Distribution



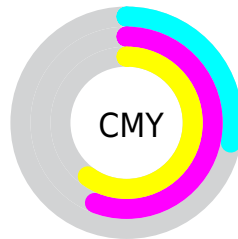
- Red (72%)
- Green (44%)
- Blue (40%)



- Red (72%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (28%)




- Cyan (28%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9596, 22.7380, 15.4856 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 27.9596, 22.7380, 15.4856 by changing the saturation by 10% instead.

 27.9596, 22.7380,
15.4856


 27.9596, 22.7380,
15.4856


284.3574,
266.3764, 238.0281


 18.4355, 14.4002,
9.0105


 55.8290, 47.9628,
36.4571


 11.3647, 8.3995,
4.6511


 74.9051, 65.6185,
51.7906

 6.3818, 4.3516,
1.9889


 97.8958, 87.1490,
70.9140

 3.1214, 1.8721,
0.5485

 125.1666,
112.9386, 94.2458

 1.2183, 0.5315,
0.0000

157.0828,
143.3717, 122.2046

 0.1207, 0.0000,
0.0000

194.0098,

 0.0000, 0.0000,

178.8329, 155.2089

0.0000

236.3128,
219.7063, 193.6772

■ 27.9596, 22.7380,
15.4856

■ 27.9596, 22.7380,
15.4856

■ 25.5210, 19.1626,
10.6594

■ 30.9218, 27.0363,
21.4859

■ 23.5735, 16.2671,
6.9290

■ 34.4339, 32.0908,
28.7292

■ 22.0838, 14.0091,
4.2084


■ 38.5226, 37.9365,
37.2804


■ 21.0135, 12.3400,
2.3983


■ 43.2124, 44.6057,
47.1997

■ 20.3179, 11.2043,
1.3790


■ 48.5263, 52.1284,
58.5436

 20.0627, 10.7815,
1.0236

 54.4861, 60.5334,
71.3651

 61.1126, 69.8481,
85.7149

 68.4255, 80.0987,
101.6410

 73.5771, 88.9303,
107.8951

Harmonies

Analogous

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



29.2848, 22.7380, 23.7793



27.9596, 22.7380, 15.4856



24.9231, 22.7380, 10.9785

Triad

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



27.9596, 22.7380, 15.4856



16.0204, 22.7380, 16.7762



21.9599, 22.7380, 50.2901

Complementary

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



27.9596, 22.7380, 15.4856



29.2665, 36.5559, 50.8608

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.



18.6076, 22.7380, 46.9114



27.9596, 22.7380, 15.4856



15.4118, 22.7380, 25.7629

Square

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



27.9596, 22.7380, 15.4856



18.0700, 22.7380, 11.5654



16.3057, 22.7380, 37.1443



25.5885, 22.7380, 45.4092

Rectangle

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



27.9596, 22.7380, 15.4856



22.4822, 22.7380, 9.8414



16.3057, 22.7380, 37.1443



20.7642, 22.7380, 50.0844

Sweetspot

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



27.9602, 22.7391, 15.4860



70.9138, 70.3110, 69.8566



32.2009, 22.7662, 42.9634



14.9096, 14.6188, 14.2642



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.9602, 22.7391, 15.4860



46.5348, 35.1372, 19.8518



33.4859, 33.7906, 17.3279



9.0906, 9.1841, 9.4005



13.8559, 7.4881, 0.7151



0.5174, 0.3219, 0.0349

Inverse Universe

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



29.2665, 36.5559, 50.8608



49.1594, 63.1807, 91.8087



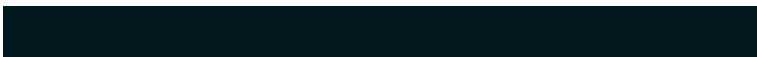
22.5783, 23.1796, 48.6314



9.1707, 10.0185, 11.5299



14.8477, 20.1550, 34.3608



0.5499, 0.7635, 1.2201

Previews

White Background



This preview shows how the XYZ color 27.9596, 22.7380, 15.4856 looks on a white background.

Color Contrast Check

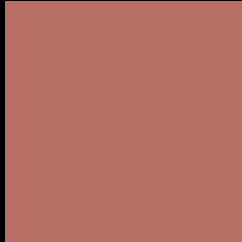
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9596, 22.7380, 15.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

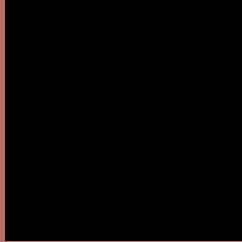
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9596, 22.7380, 15.4856

Background



This preview shows how black text looks on a background with the XYZ color 27.9596, 22.7380, 15.4856.



This preview shows how white text looks on a background with the XYZ color 27.9596, 22.7380,

15.4856.

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

27.9596, 22.7380, 15.4856

Protanopia

21.6330, 22.8693, 18.3130

Deuteranopia

23.2306, 22.7911, 14.9791



Tritanopia

28.8535, 22.7742, 20.0146

Trichromacy



Original Color

27.9596, 22.7380, 15.4856

Protanomaly

23.4320, 22.4666, 17.2888

Deuteranomaly

24.8635, 22.7018, 15.1280

Tritanomaly

28.6167, 22.8530, 18.2320

Monochromacy



Original Color

27.9596, 22.7380, 15.4856

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.5473, 22.6270, 21.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9596, 22.7380, 15.4856 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(184, 112, 102)` looks like.

```
.text, #text, p{  
    color:rgb(184, 112, 102)  
}
```

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(184, 112, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 112, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.9596, 22.7380, 15.4856 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(184, 112, 102) }
```


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

```
.border{ border-color:rgb(184, 112, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 112, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 112, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 112, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 112,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9596, 22.7380, 15.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 112, 102) }
```

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

```
.background{ background-color: rgb(184,  
112, 102) }
```

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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