

Converting Colors

XYZ(22.6032, 18.6160, 11.5343)

Have a look what the booklet for
XYZ(22.6032, 18.6160, 11.5343)
contains.

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Color

**XYZ(22.5480, 18.6206,
11.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	A76758
RGB	167, 103, 88
RGB Percent	65%, 40%, 35%
CMY	0.3451, 0.5961, 0.6549
CMYK	0.00, 0.38, 0.47, 0.35
HSL	11°, 31%, 50%
HSV	11°, 47%, 65%
XYZ	22.5480, 18.6206, 11.6382
YIQ	120.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

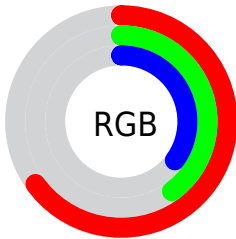
Format	Color
RYB	167, 107, 88
Decimal	10970968
CIELab	50.24, 24.00, 19.29
CIELCh	50, 30.796, 38.788
Yxy	18.6206, 0.4270, 0.3526
Android (android.graphics.Color)	4289161048 (0xFFA76758)
YUV	120.4260, -15.9860, 40.8454
Hunter-Lab	43.1516, 17.7563, 14.2153

Details

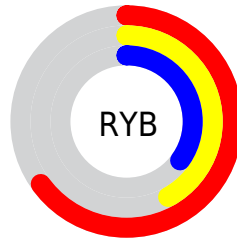
The XYZ color **22.5480, 18.6206, 11.6382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2270, 27.3196, 40.6607**, and the grayscale version is **18.0296, 18.9686, 20.6568**.

A 20% lighter version of the original color is **47.0493, 41.1250, 29.5029**, and **8.4662, 6.3443, 2.9688** is the 20% darker color. If you saturate the color by 10%, you get **20.6954, 15.8986, 7.9899**, and if you desaturate by 10%, it is **24.7777, 21.8433, 16.1943**.

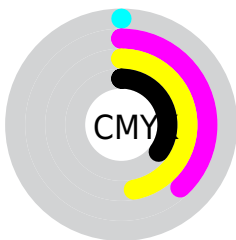
Distribution



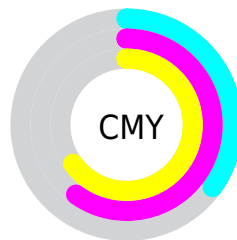
- Red (65%)
- Green (40%)
- Blue (35%)



- Red (65%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5480, 18.6206, 11.6382 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 22.5480, 18.6206, 11.6382 by changing the saturation by 10% instead.

■ 22.5480, 18.6206,
11.6382

■ 22.5480, 18.6206,
11.6382

257.9738,
244.3462, 212.8873

■ 14.3790, 11.3965,
6.3783

■ 47.1222, 41.0920,
29.4889

■ 8.4682, 6.3342,
3.0040

■ 64.2581, 57.1081,
42.9168

■ 4.4503, 3.0493,
1.0967

■ 85.1136, 76.8236,
59.9044

■ 1.9599, 1.1575,
0.0000

■ 110.0542,
100.6229, 80.8703

■ 0.6113, 0.0266,
0.0000

■ 139.4452,
128.8904, 106.2330

■ 0.0000, 0.0000,
0.0000

173.6518,

162.0105, 136.4110

213.0396,
200.3676, 171.8230

■ 22.5480, 18.6206,
11.6382

■ 22.5480, 18.6206,
11.6382

■ 20.6954, 15.8986,
7.9899

■ 24.7777, 21.8433,
16.1943

■ 19.1972, 13.6493,
5.1872

■ 27.4028, 25.5873,
21.7128

■ 18.0301, 11.8459,
3.1615


■ 30.4421, 29.8757,
28.2450


■ 17.1673, 10.4580,
1.8331


■ 33.9127, 34.7290,
35.8385

■ 16.5727, 9.4489,
1.0796

■ 37.8308, 40.1669,
44.5377

 16.4452, 9.2334,
0.9155

 42.2115, 46.2081,
54.3846

 47.0696, 52.8703,
65.4187

 52.4189, 60.1708,
77.6780

 58.2728, 68.1258,
91.1986

Harmonies

Analogous

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



23.9826, 18.6206, 17.8708



22.5480, 18.6206, 11.6382



19.8523, 18.6206, 8.5063

Triad

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



22.5480, 18.6206, 11.6382



12.8784, 18.6206, 14.9005



18.5877, 18.6206, 41.1862

Complementary

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



22.5480, 18.6206, 11.6382



22.2270, 27.3196, 40.6607

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.



15.7060, 18.6206, 39.7301



22.5480, 18.6206, 11.6382



12.6206, 18.6206, 22.8850

Square

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



22.5480, 18.6206, 11.6382



14.3478, 18.6206, 9.9892



13.5992, 18.6206, 32.3821



21.5336, 18.6206, 35.9341

Rectangle

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



22.5480, 18.6206, 11.6382



17.8198, 18.6206, 7.9006



13.5992, 18.6206, 32.3821



17.5774, 18.6206, 41.4899

Sweetspot

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



22.5485, 18.6215, 11.6386



56.3337, 56.0492, 54.5299



25.1359, 17.4789, 31.9769



12.3275, 12.1516, 11.5955



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.5485, 18.6215, 11.6386



36.8485, 28.1527, 13.8949



27.3682, 28.2610, 13.2451



7.6422, 7.7644, 7.8852



12.6121, 7.1214, 0.7098



0.3388, 0.2371, 0.0279

Inverse Universe

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



22.2270, 27.3196, 40.6607



36.1595, 45.6003, 72.3712



16.9066, 16.6788, 38.8872



7.6247, 8.2862, 9.6159



12.0309, 15.5220, 30.3374



0.3230, 0.4383, 0.7482

Previews

White Background



This preview shows how the XYZ color 22.5480, 18.6206, 11.6382 looks on a white background.

Color Contrast Check

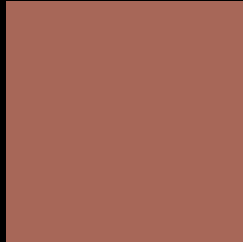
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5480, 18.6206, 11.6382 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 22.5480, 18.6206, 11.6382

Background



This preview shows how black text looks on a background with the XYZ color 22.5480, 18.6206, 11.6382.



This preview shows how white text looks on a background with the XYZ color 22.5480, 18.6206,

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

22.5480, 18.6206, 11.6382

Protanopia

17.5802, 18.7895, 13.7665

Deuteranopia

18.9658, 18.6841, 11.4109



Tritanopia

23.6261, 18.6321, 16.5385

Trichromacy



Original Color

22.5480, 18.6206, 11.6382

Protanomaly

19.1484, 18.5757, 12.9322

Deuteranomaly

20.1672, 18.6363, 11.5511

Tritanomaly

23.1511, 18.5718, 14.6764

Monochromacy



Original Color

22.5480, 18.6206, 11.6382

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.0406, 18.4357, 16.7423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5480, 18.6206, 11.6382 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(167, 103, 88)` looks like.

```
.text, #text, p{  
    color:rgb(167, 103, 88)  
}
```

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(167, 103, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 103, 88) }
```

Border

The CSS property to change the border of an element to XYZ 22.5480, 18.6206, 11.6382 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(167, 103, 88) }
```


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

```
.border{ border-color:rgb(167, 103, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 103, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 103, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 103, 88);  
box-shadow:4px 4px 4px 4px rgb(167, 103,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5480, 18.6206, 11.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 103, 88) }
```

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

```
.background{ background-color: rgb(167,  
103, 88) }
```

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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