

Converting Colors

XYZ(22.5716, 19.0871, 12.3921)

Have a look what the booklet for
XYZ(22.5716, 19.0871, 12.3921)
contains.

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Color

**XYZ(22.5594, 19.0627,
12.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	A56A5B
RGB	165, 106, 91
RGB Percent	65%, 42%, 36%
CMY	0.3529, 0.5843, 0.6431
CMYK	0.00, 0.36, 0.45, 0.35
HSL	12°, 29%, 50%
HSV	12°, 45%, 65%
XYZ	22.5594, 19.0627, 12.3880
YIQ	121.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

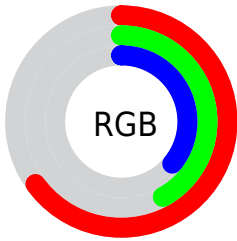
Format	Color
R _Y B	165, 110, 91
Decimal	10840667
CIE Lab	50.76, 21.81, 18.19
CIE LCh	51, 28.405, 39.827
Yxy	19.0627, 0.4177, 0.3529
Android (android.graphics.Color)	4289030747 (0xFFA56A5B)
YUV	121.9310, -15.2490, 37.7715
Hunter-Lab	43.6609, 15.8238, 13.7401

Details

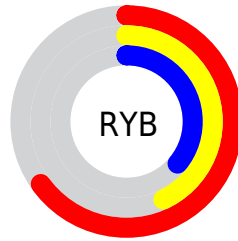
The XYZ color **22.5594, 19.0627, 12.3880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0118, 26.7524, 39.6008**, and the grayscale version is **18.5156, 19.4799, 21.2136**.

A 20% lighter version of the original color is **47.1588, 41.9064, 30.8025**, and **8.4171, 6.5306, 3.2995** is the 20% darker color. If you saturate the color by 10%, you get **20.6712, 16.3029, 8.6247**, and if you desaturate by 10%, it is **24.8131, 22.3030, 17.0456**.

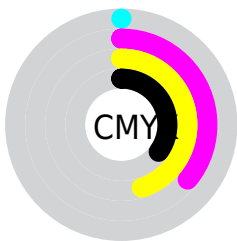
Distribution



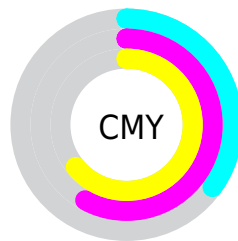
- Red (65%)
- Green (42%)
- Blue (36%)



- Red (65%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5594, 19.0627, 12.3880 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 22.5594, 19.0627, 12.3880 by changing the saturation by 10% instead.

■ 22.5594, 19.0627,
12.3880

■ 22.5594, 19.0627,
12.3880

258.0316,
246.7947, 218.0256

■ 14.3874, 11.7156,
6.8828

■ 47.1408, 41.8400,
30.8747

■ 8.4741, 6.5503,
3.3116

■ 64.2810, 58.0390,
44.6933

■ 4.4541, 3.1825,
1.2558

■ 85.1413, 77.9574,
62.1200

■ 1.9621, 1.2277,
0.0252

■ 110.0870,
101.9797, 83.5735

■ 0.6126, 0.0842,
0.0000

139.4836,
130.4901, 109.4723

■ 0.0000, 0.0000,
0.0000

173.6963,

163.8732, 140.2349

213.0905,
202.5132, 176.2798

■ 22.5594, 19.0627,
12.3880

■ 22.5594, 19.0627,
12.3880

■ 20.6712, 16.3029,
8.6247

■ 24.8131, 22.3030,
17.0456

■ 19.1272, 13.9976,
5.6968

■ 27.4490, 26.0423,
22.6490

■ 17.9060, 12.1228,
3.5401

■ 30.4848, 30.3018,
29.2472

■ 16.9833, 10.6511,
2.0805

■ 33.9363, 35.1004,
36.8851

■ 16.3302, 9.5512,
1.2270

■ 37.8186, 40.4562,
45.6054

■ 16.0736, 9.1124,
0.9117

■ 42.1461, 46.3865,
55.4479

■ 46.9324, 52.9077,
66.4507

■ 52.1906, 60.0355,
78.6499

■ 57.9333, 67.7852,
92.0803

Harmonies

Analogous

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



23.9361, 19.0627, 18.2424



22.5594, 19.0627, 12.3880



20.0326, 19.0627, 9.4155

Triad

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



22.5594, 19.0627, 12.3880



13.5344, 19.0627, 15.8950



19.0497, 19.0627, 39.8769

Complementary

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



22.5594, 19.0627, 12.3880



22.0118, 26.7524, 39.6008

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.



16.3304, 19.0627, 38.7786



22.5594, 19.0627, 12.3880



13.3293, 19.0627, 23.4905

Square

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



22.5594, 19.0627, 12.3880



14.8948, 19.0627, 11.0502



14.3024, 19.0627, 32.2350



21.7767, 19.0627, 34.9350

Rectangle

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



22.5594, 19.0627, 12.3880



18.1348, 19.0627, 8.8699



14.3024, 19.0627, 32.2350



18.1023, 19.0627, 40.2262

Sweetspot

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



22.5599, 19.0636, 12.3884



55.5402, 55.5857, 54.4538



24.7793, 17.6901, 31.0472



11.8723, 11.7755, 11.3120



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.5599, 19.0636, 12.3884



36.9773, 29.1333, 15.3618



27.1979, 28.3397, 13.9344



7.1847, 7.3078, 7.4120



12.1898, 6.9535, 0.6997



0.2859, 0.2057, 0.0246

Inverse Universe

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



22.0118, 26.7524, 39.6008



35.8337, 44.6435, 70.4807



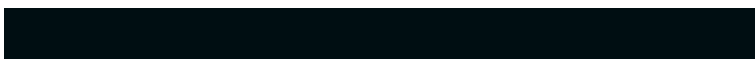
17.0335, 16.7959, 37.9414



7.1536, 7.7662, 9.0251



11.3694, 14.5183, 29.1329



0.2681, 0.3635, 0.6219

Previews

White Background



This preview shows how the XYZ color 22.5594, 19.0627, 12.3880 looks on a white background.

Color Contrast Check

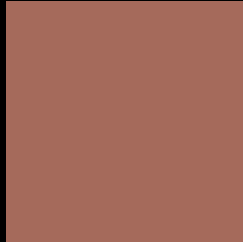
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5594, 19.0627, 12.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

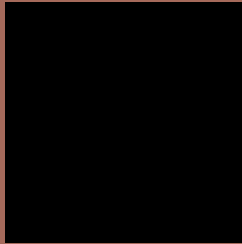
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5594, 19.0627, 12.3880

Background



This preview shows how black text looks on a background with the XYZ color 22.5594, 19.0627, 12.3880.



This preview shows how white text looks on a background with the XYZ color 22.5594, 19.0627,

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

22.5594, 19.0627, 12.3880

Protanopia

18.0952, 19.2237, 14.3121

Deuteranopia

19.3763, 19.0517, 12.1073



Tritanopia

23.6558, 19.0637, 17.4718

Trichromacy



Original Color

22.5594, 19.0627, 12.3880

Protanomaly

19.4663, 19.0678, 13.4809

Deuteranomaly

20.4021, 18.9058, 12.2467

Tritanomaly

23.1749, 19.0071, 15.5440

Monochromacy



Original Color

22.5594, 19.0627, 12.3880

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5959, 19.0418, 17.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5594, 19.0627, 12.3880 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(165, 106, 91)` looks like.

```
.text, #text, p{  
    color:rgb(165, 106, 91)  
}
```

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(165, 106, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 106, 91) }
```

Border

The CSS property to change the border of an element to XYZ 22.5594, 19.0627, 12.3880 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(165, 106, 91) }
```


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

```
.border{ border-color:rgb(165, 106, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 106, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 106, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 106, 91);  
box-shadow:4px 4px 4px 4px rgb(165, 106,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5594, 19.0627, 12.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 106, 91) }
```

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

```
.background{ background-color: rgb(165,  
106, 91) }
```

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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