

Converting Colors

XYZ(24.5914, 20.5739, 10.2308)

Have a look what the booklet for
XYZ(24.5914, 20.5739, 10.2308)
contains.

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Color

**XYZ(24.5958, 20.6304,
10.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6D50
RGB	175, 109, 80
RGB Percent	69%, 43%, 31%
CMY	0.3137, 0.5725, 0.6863
CMYK	0.00, 0.38, 0.54, 0.31
HSL	18°, 37%, 50%
HSV	18°, 54%, 69%
XYZ	24.5958, 20.6304, 10.2751
YIQ	125.4280, 48.6450, 4.9730

Conversions

Conversions Part 2

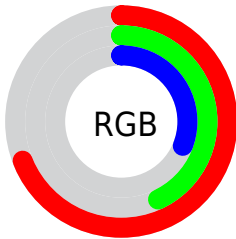
Format	Color
RYB	175, 122, 80
Decimal	11496784
CIELab	52.54, 23.18, 27.12
CIELCh	53, 35.678, 49.479
Yxy	20.6304, 0.4432, 0.3717
Android (android.graphics.Color)	4289686864 (0xFFAF6D50)
YUV	125.4280, -22.3960, 43.4746
Hunter-Lab	45.4207, 17.1735, 18.3819

Details

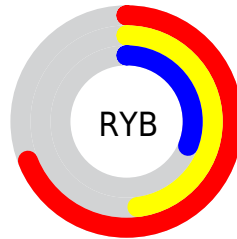
The XYZ color **24.5958, 20.6304, 10.2751** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.3244, 25.3571, 44.3278**, and the grayscale version is **19.6996, 20.7255, 22.5701**.

A 20% lighter version of the original color is **50.3784, 44.4251, 27.0388**, and **9.5799, 7.3808, 2.5098** is the 20% darker color. If you saturate the color by 10%, you get **22.8231, 17.9885, 6.8991**, and if you desaturate by 10%, it is **26.7173, 23.7005, 14.5986**.

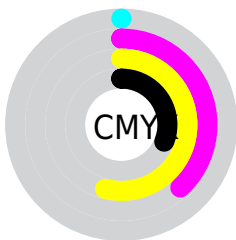
Distribution



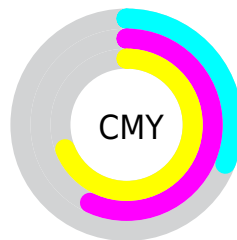
- Red (69%)
- Green (43%)
- Blue (31%)



- Red (69%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (54%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5958, 20.6304, 10.2751 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 24.5958, 20.6304, 10.2751 by changing the saturation by 10% instead.


 24.5958, 20.6304,
10.2751


 24.5958, 20.6304,
10.2751


268.2039,
255.3077, 203.1800


 15.9033, 12.8541,
5.4738


 50.4484, 44.4716,
26.9275


 9.5462, 7.3282,
2.4643


 68.3391, 61.3053,
39.6157


 5.1590, 3.6682,
0.8211

 90.0267, 81.9269,
55.7699

 2.3766, 1.4897,
0.0000

 115.8764,
106.7209, 75.8086

 0.8334, 0.2815,
0.0000

 146.2536,
136.0715, 100.1505

 0.0000, 0.0000,
0.0000

181.5237,

170.3633, 129.2140

222.0520,
209.9805, 163.4176

■ 24.5958, 20.6304,
10.2751

■ 24.5958, 20.6304,
10.2751

■ 22.8231, 17.9885,
6.8991

■ 26.7173, 23.7005,
14.5986

■ 21.3770, 15.7518,
4.3964

■ 29.2050, 27.2143,
19.9335

■ 20.2348, 13.8994,
2.6839

■ 32.0767, 31.1902,
26.3396

■ 19.3696, 12.4072,
1.6611

■ 35.3486, 35.6447,
33.8716

■ 18.9719, 11.6994,
1.2583

■ 39.0360, 40.5934,
42.5803

■ 43.1534, 46.0511,
52.5137

■ 47.7143, 52.0321,
63.7169

■ 52.7318, 58.5500,
76.2327

■ 58.2186, 65.6179,
90.1019

Harmonies

Analogous

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



27.0973, 20.6304, 16.3387



24.5958, 20.6304, 10.2751



20.9345, 20.6304, 7.8099

Triad

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



24.5958, 20.6304, 10.2751



13.4205, 20.6304, 18.9491



22.0742, 20.6304, 47.6209

Complementary

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



24.5958, 20.6304, 10.2751



21.3244, 25.3571, 44.3278

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.



18.3398, 20.6304, 48.9911



24.5958, 20.6304, 10.2751



13.6448, 20.6304, 29.9533

Square

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



24.5958, 20.6304, 10.2751



14.6889, 20.6304, 11.6677



15.3457, 20.6304, 41.7497



25.5197, 20.6304, 38.4442

Rectangle

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



24.5958, 20.6304, 10.2751



18.4618, 20.6304, 7.7782



15.3457, 20.6304, 41.7497



20.8019, 20.6304, 49.0992

Sweetspot

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



24.5963, 20.6314, 10.2755



62.0829, 62.1802, 57.8115



25.7752, 16.9423, 29.3102



13.5301, 13.4558, 12.2279



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.5963, 20.6314, 10.2755



40.3567, 31.4272, 11.4190



31.0156, 33.4701, 12.4153



8.1972, 8.3993, 8.4026



13.6351, 8.4756, 0.9173



0.4283, 0.3337, 0.0418

Inverse Universe

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



21.3244, 25.3571, 44.3278



33.8286, 40.6439, 78.6990



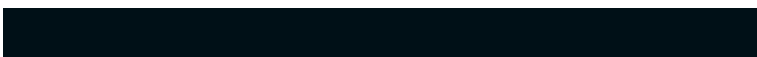
15.5081, 13.7245, 42.3891



8.0268, 8.6531, 10.1998



10.5438, 12.2215, 30.8478



0.3386, 0.4306, 0.8732

Previews

White Background



This preview shows how the XYZ color 24.5958, 20.6304, 10.2751 looks on a white background.

Color Contrast Check

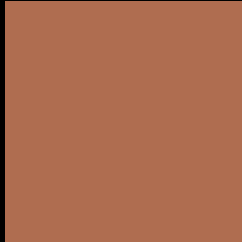
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5958, 20.6304, 10.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

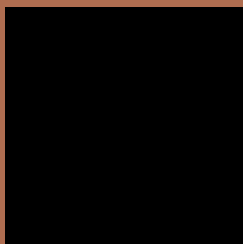
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5958, 20.6304, 10.2751

Background



This preview shows how black text looks on a background with the XYZ color 24.5958, 20.6304, 10.2751.



This preview shows how white text looks on a background with the XYZ color 24.5958, 20.6304,

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

24.5958, 20.6304, 10.2751

Protanopia

19.3345, 20.8441, 12.0211

Deuteranopia

21.0405, 20.6584, 10.0862



Tritanopia

26.1077, 20.6201, 17.9333

Trichromacy



Original Color

24.5958, 20.6304, 10.2751

Protanomaly

20.8944, 20.5571, 11.2542

Deuteranomaly

22.1539, 20.5289, 10.1920

Tritanomaly

25.3588, 20.4583, 14.6689

Monochromacy



Original Color

24.5958, 20.6304, 10.2751

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.6848, 20.1374, 17.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5958, 20.6304, 10.2751 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(175, 109, 80)` looks like.

```
.text, #text, p{  
    color:rgb(175, 109, 80)  
}
```

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(175, 109, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 109, 80) }
```

Border

The CSS property to change the border of an element to XYZ 24.5958, 20.6304, 10.2751 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(175, 109, 80) }
```


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

```
.border{ border-color:rgb(175, 109, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 109, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 109, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 109, 80);  
box-shadow:4px 4px 4px 4px rgb(175, 109,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5958, 20.6304, 10.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 109, 80) }
```

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

```
.background{ background-color: rgb(175,  
109, 80) }
```

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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