

Converting Colors

XYZ(22.5194, 17.5978, 8.7930)

Have a look what the booklet for
XYZ(22.5194, 17.5978, 8.7930)
contains.

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Color

**XYZ(22.5958, 17.5767,
8.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5F4B
RGB	173, 95, 75
RGB Percent	68%, 37%, 29%
CMY	0.3216, 0.6274, 0.7059
CMYK	0.00, 0.45, 0.57, 0.32
HSL	12°, 40%, 49%
HSV	12°, 57%, 68%
XYZ	22.5958, 17.5767, 8.8583
YIQ	116.0420, 52.9080, 10.3160

Conversions

Conversions Part 2

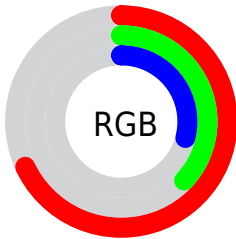
Format	Color
R_{YB}	173, 100, 75
Decimal	11362123
CIE Lab	48.98, 29.66, 25.37
CIE LCh	49, 39.032, 40.541
Yxy	17.5767, 0.4608, 0.3585
Android (android.graphics.Color)	4289552203 (0xFFAD5F4B)
YUV	116.0420, -20.2337, 49.9522
Hunter-Lab	41.9246, 22.8369, 16.8197

Details

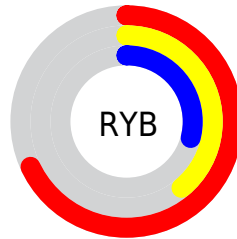
The XYZ color **22.5958, 17.5767, 8.8583** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **21.8349, 27.2938, 43.6524**, and the grayscale version is **16.6626, 17.5303, 19.0905**.

A 20% lighter version of the original color is **47.3505, 39.4785, 24.1932**, and **8.4138, 5.7607, 1.8968** is the 20% darker color. If you saturate the color by 10%, you get **20.9497, 15.1068, 5.7749**, and if you desaturate by 10%, it is **24.6230, 20.5513, 12.8633**.

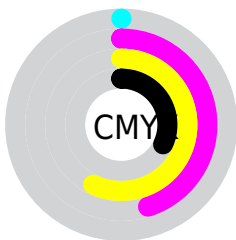
Distribution



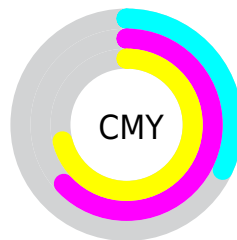
- Red (68%)
- Green (37%)
- Blue (29%)



- Red (68%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (32%)



- Cyan (32%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5958, 17.5767, 8.8583 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 22.5958, 17.5767, 8.8583 by changing the saturation by 10% instead.

■ 22.5958, 17.5767,
8.8583

■ 22.5958, 17.5767,
8.8583

258.2164,
238.4742, 192.4963

■ 14.4144, 10.6465,
4.5533

■ 47.2003, 39.3147,
24.1980

■ 8.4931, 5.8297,
1.9335

■ 64.3542, 54.8913,
36.0698

■ 4.4665, 2.7418,
0.5140

■ 85.2295, 74.1188,
51.3010

■ 1.9693, 0.9985,
0.0000

■ 110.1917, 97.3817,
70.3101

■ 0.6166, 0.0000,
0.0000

■ 139.6062,
125.0642, 93.5156

■ 0.0000, 0.0000,
0.0000

173.8382,

157.5509, 121.3361

213.2531,
195.2261, 154.1902

■ 22.5958, 17.5767,
8.8583

■ 22.5958, 17.5767,
8.8583

■ 20.9497, 15.1068,
5.7749

■ 24.6230, 20.5513,
12.8633

■ 19.6585, 13.1104,
3.5379

■ 27.0526, 24.0540,
17.8552

■ 18.6944, 11.5570,
2.0613

■ 29.9058, 28.1099,
23.8943

■ 18.0218, 10.4099,
1.2260

■ 33.2019, 32.7420,
31.0359

■ 17.8438, 10.1049,
1.0100

■ 36.9590, 37.9716,
39.3314

■ 41.1942, 43.8192,
48.8289

■ 45.9236, 50.3040,
59.5738

■ 51.1627, 57.4447,
71.6090

■ 56.9262, 65.2591,
84.9756

Harmonies

Analogous

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



24.5564, 17.5767, 15.7069



22.5958, 17.5767, 8.8583



19.1425, 17.5767, 5.7948

Triad

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



22.5958, 17.5767, 8.8583



10.9481, 17.5767, 13.2180



18.0168, 17.5767, 46.3081

Complementary

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



22.5958, 17.5767, 8.8583



21.8349, 27.2938, 43.6524

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.



14.4858, 17.5767, 44.8724



22.5958, 17.5767, 8.8583



10.7374, 17.5767, 23.0357

Square

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



22.5958, 17.5767, 8.8583



12.5651, 17.5767, 7.6065



11.9407, 17.5767, 35.3065



21.6696, 17.5767, 38.7187

Rectangle

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



22.5958, 17.5767, 8.8583



16.6402, 17.5767, 5.2951



11.9407, 17.5767, 35.3065



16.7722, 17.5767, 46.9176

Sweetspot

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



22.5962, 17.5776, 8.8586



59.0549, 58.0682, 54.6907



25.5325, 16.2296, 32.0973



12.5759, 12.2581, 11.3226



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.5962, 17.5776, 8.8586



36.8740, 26.0686, 9.1864



28.4163, 29.2178, 10.7986



8.1328, 8.2704, 8.3811



13.1431, 7.4918, 0.7533



0.4031, 0.2833, 0.0334

Inverse Universe

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



21.8349, 27.2938, 43.6524



35.2926, 45.0249, 77.6363



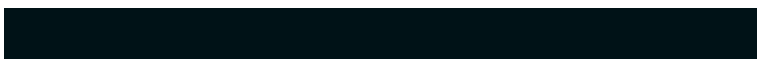
15.4352, 14.4944, 41.5191



8.0954, 8.7902, 10.2227



12.2264, 15.5866, 31.4086



0.3748, 0.5029, 0.8853

Previews

White Background



This preview shows how the XYZ color 22.5958, 17.5767, 8.8583 looks on a white background.

Color Contrast Check

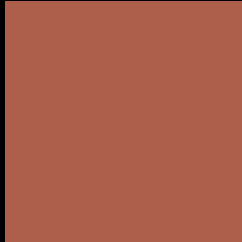
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.5958, 17.5767, 8.8583 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 22.5958, 17.5767, 8.8583

Background



This preview shows how black text looks on a background with the XYZ color 22.5958, 17.5767, 8.8583.



This preview shows how white text looks on a background with the XYZ color 22.5958, 17.5767,

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

22.5958, 17.5767, 8.8583

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

17.9484, 17.7189, 8.6050



Tritanopia

23.7109, 17.6501, 13.7124

Trichromacy



Original Color

22.5958, 17.5767, 8.8583

Protanomaly

18.2815, 17.3710, 10.1740

Deuteranomaly

19.4935, 17.5614, 8.6656

Tritanomaly

23.2154, 17.5656, 11.8398

Monochromacy



Original Color

22.5958, 17.5767, 8.8583

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0281, 16.9831, 14.6398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5958, 17.5767, 8.8583 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(173, 95, 75)` looks like.

```
.text, #text, p{  
    color:rgb(173, 95, 75)  
}
```

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(173, 95, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 75) }
```

Border

The CSS property to change the border of an element to XYZ 22.5958, 17.5767, 8.8583 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(173, 95, 75) }
```


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

```
.border{ border-color:rgb(173, 95, 75) }
```

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

Here you see how a box with a 4 pixel rgb(173, 95, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 75);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5958, 17.5767, 8.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 75) }
```

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

```
.background{ background-color: rgb(173, 95,  
75) }
```

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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