

Converting Colors

XYZ(28.4123, 25.4793, 20.5605)

Have a look what the booklet for
XYZ(28.4123, 25.4793, 20.5605)
contains.

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Color

**XYZ(28.5386, 25.6007,
20.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7F76
RGB	175, 127, 118
RGB Percent	69%, 50%, 46%
CMY	0.3137, 0.5019, 0.5373
CMYK	0.00, 0.27, 0.33, 0.31
HSL	9°, 26%, 57%
HSV	9°, 33%, 69%
XYZ	28.5386, 25.6007, 20.5768
YIQ	140.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

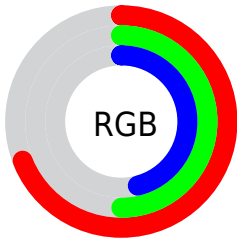
Format	Color
R_{YB}	175, 129, 118
Decimal	11501430
CIE _{Lab}	57.66, 17.33, 12.22
CIE _{LCh}	58, 21.205, 35.193
Yxy	25.6007, 0.3820, 0.3426
Android (android.graphics.Color)	4289691510 (0xFFAF7F76)
YUV	140.3260, -11.0067, 30.4091
Hunter-Lab	50.5971, 12.1354, 11.3060

Details

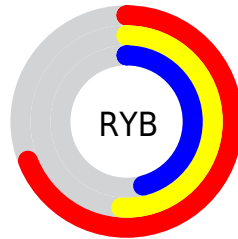
The XYZ color **28.5386, 25.6007, 20.5768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8449, 34.2180, 45.6420**, and the grayscale version is **25.0876, 26.3941, 28.7431**.

A 20% lighter version of the original color is **56.8557, 52.7006, 45.2058**, and **11.7150, 9.9559, 7.0986** is the 20% darker color. If you saturate the color by 10%, you get **25.8277, 21.6915, 15.0097**, and if you desaturate by 10%, it is **31.7222, 30.1462, 27.2539**.

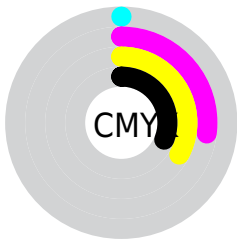
Distribution



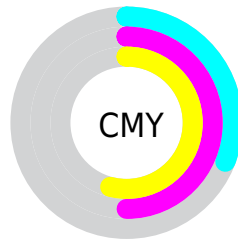
- Red (69%)
- Green (50%)
- Blue (46%)



- Red (69%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (31%)




- Cyan (31%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5386, 25.6007, 20.5768 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 28.5386, 25.6007, 20.5768 by changing the saturation by 10% instead.


 28.5386, 25.6007,
20.5768


 28.5386, 25.6007,
20.5768


287.0653,
280.8164, 267.7276


 18.8746, 16.5252,
12.6268


 56.7459, 52.6301,
45.2537

 11.6832, 9.8965,
7.0444


 76.0198, 71.3527,
62.8178

 6.5990, 5.3304,
3.4110


 99.2278, 94.0598,
84.4235

 3.2567, 2.4424,
1.3081

126.7351,
121.1358, 110.4896

 1.2909, 0.8476,
0.0684

158.9072,
152.9650, 141.4345

 0.1764, 0.0000,
0.0000

196.1093,

 0.0000, 0.0000,

189.9320, 177.6768

0.0000

238.7069,
232.4210, 219.6349

■ 28.5386, 25.6007,
20.5768

■ 28.5386, 25.6007,
20.5768

■ 25.8277, 21.6915,
15.0097

■ 31.7222, 30.1462,
27.2539

■ 23.5647, 18.3867,
10.4908

■ 35.3976, 35.3509,
35.0952

■ 21.7257, 15.6570,
6.9545

■ 39.5854, 41.2411,
44.1531

■ 20.2836, 13.4691,
4.3271

■ 44.3043, 47.8406,
54.4766

■ 19.2080, 11.7863,
2.5247

■ 49.5722, 55.1718,
66.1117

■ 18.4640, 10.5673,
1.4473

■ 55.4060, 63.2563,
79.1023

■ 18.0861, 9.9277,
0.9630

■ 61.8219, 72.1149,
93.4901

■ 68.3485, 81.5726,
106.7505

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



29.5185, 25.6007, 26.6300



28.5386, 25.6007, 20.5768



26.4362, 25.6007, 17.0239

Triad

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



28.5386, 25.6007, 20.5768



20.1698, 25.6007, 22.4171



24.7767, 25.6007, 44.2217

Complementary

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



28.5386, 25.6007, 20.5768



28.8449, 34.2180, 45.6420

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.



22.3438, 25.6007, 42.5681



28.5386, 25.6007, 20.5768



19.7929, 25.6007, 29.1579

Square

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



28.5386, 25.6007, 20.5768



21.6295, 25.6007, 17.9499



20.5618, 25.6007, 36.7218



27.2523, 25.6007, 40.9140

Rectangle

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



28.5386, 25.6007, 20.5768



24.7436, 25.6007, 16.1472



20.5618, 25.6007, 36.7218



23.9264, 25.6007, 44.2329

Sweetspot

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



28.5393, 25.6019, 20.5773



65.1093, 65.7283, 66.5424



31.0821, 24.8408, 39.4499



14.2511, 14.2985, 14.3156



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.



28.5393, 25.6019, 20.5773



47.5787, 40.7637, 29.5724



32.6791, 33.8815, 21.9572



8.1036, 8.2121, 8.3714



12.9825, 7.1704, 0.6998



0.3916, 0.2603, 0.0296

Inverse Universe

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



28.8449, 34.2180, 45.6420



48.1988, 58.5571, 81.3992



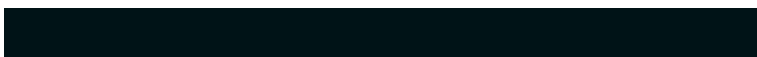
24.2906, 25.1096, 44.1240



8.1270, 8.8534, 10.2332



13.0901, 17.3141, 31.6965



0.3926, 0.5385, 0.8912

Previews

White Background



This preview shows how the XYZ color 28.5386, 25.6007, 20.5768 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 28.5386, 25.6007, 20.5768 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 28.5386, 25.6007, 20.5768

Background



This preview shows how black text looks on a background with the XYZ color 28.5386, 25.6007, 20.5768.



This preview shows how white text looks on a background with the XYZ color 28.5386, 25.6007,

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

28.5386, 25.6007, 20.5768

Protanopia

24.4036, 25.6519, 22.7339

Deuteranopia

26.2332, 25.8081, 20.4285



Tritanopia

29.7682, 25.7356, 25.9528

Trichromacy



Original Color

28.5386, 25.6007, 20.5768

Protanomaly

25.7483, 25.5233, 21.9818

Deuteranomaly

26.8442, 25.5163, 20.3399

Tritanomaly

29.2616, 25.7103, 23.8424

Monochromacy



Original Color

28.5386, 25.6007, 20.5768

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9657, 25.7662, 25.4346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5386, 25.6007, 20.5768 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, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 118)  
}
```

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, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.5386, 25.6007, 20.5768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

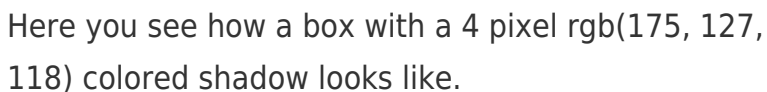
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 127, 118) }
```


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

```
.border{ border-color:rgb(175, 127, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 127, 118); box-shadow:4px 4px 4px 4px rgb(175, 127, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5386, 25.6007, 20.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 118) }
```

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

```
.background{ background-color: rgb(175,  
127, 118) }
```

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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