

Converting Colors

XYZ(27.4882, 25.3031, 20.2800)

Have a look what the booklet for
XYZ(27.4882, 25.3031, 20.2800)
contains.

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Color

**XYZ(27.5076, 25.2687,
20.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8075
RGB	170, 128, 117
RGB Percent	67%, 50%, 46%
CMY	0.3333, 0.4980, 0.5412
CMYK	0.00, 0.25, 0.31, 0.33
HSL	12°, 24%, 56%
HSV	12°, 31%, 67%
XYZ	27.5076, 25.2687, 20.2572
YIQ	139.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

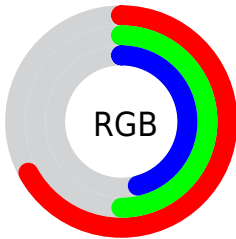
Format	Color
R_{YB}	170, 131, 117
Decimal	11174005
CIE Lab	57.34, 14.63, 12.27
CIE LCh	57, 19.090, 39.987
Yxy	25.2687, 0.3766, 0.3460
Android (android.graphics.Color)	4289364085 (0xFFAA8075)
YUV	139.3040, -10.9959, 26.9204
Hunter-Lab	50.2680, 9.7096, 11.2947

Details

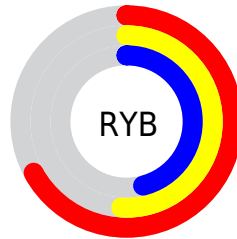
The XYZ color **27.5076, 25.2687, 20.2572** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9896, 31.4795, 42.6839**, and the grayscale version is **24.6917, 25.9776, 28.2896**.

A 20% lighter version of the original color is **55.0493, 52.0811, 44.6874**, and **11.2063, 9.8035, 6.9319** is the 20% darker color. If you saturate the color by 10%, you get **24.9556, 21.6215, 14.9150**, and if you desaturate by 10%, it is **30.4758, 29.4574, 26.6343**.

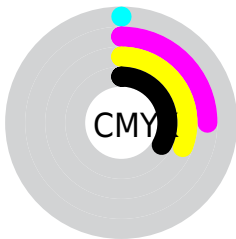
Distribution



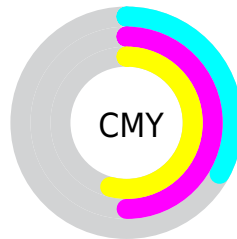
- Red (67%)
- Green (50%)
- Blue (46%)



- Red (67%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5076, 25.2687, 20.2572 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 27.5076, 25.2687, 20.2572 by changing the saturation by 10% instead.


 27.5076, 25.2687,
20.2572


 27.5076, 25.2687,
20.2572


282.2294,
279.1735, 265.9543


 18.0934, 16.2774,
12.3962


 55.1115, 52.0928,
44.7126

 11.1171, 9.7206,
6.8883


 74.0319, 70.6943,
62.1441

 6.2135, 5.2141,
3.3150


 96.8517, 93.2681,
83.6028

 3.0173, 2.3734,
1.2576

123.9362,
120.1984, 109.5074

 1.1629, 0.8122,
0.0267

155.6509,
151.8697, 140.2763

 0.0768, 0.0000,
0.0000

192.3611,

 0.0000, 0.0000,

188.6664, 176.3280

0.0000

234.4322,
230.9728, 218.0811

■ 27.5076, 25.2687,
20.2572

■ 27.5076, 25.2687,
20.2572

■ 24.9556, 21.6215,
14.9150

■ 30.4758, 29.4574,
26.6343

■ 22.7988, 18.4902,
10.5512

■ 33.8759, 34.2050,
34.0954

■ 21.0173, 15.8521,
7.1065


■ 37.7252, 39.5324,
42.6886


■ 19.5889, 13.6816,
4.5142


■ 42.0395, 45.4585,
52.4583


■ 18.4885, 11.9507,
2.6988


■ 46.8337, 52.0010,
63.4467

 17.6876, 10.6280,
1.5712

 52.1223, 59.1773,
75.6939

 17.1873, 9.7655,
0.9791

 57.9188, 67.0037,
89.2382

 64.2365, 75.4962,
104.1162

 68.5775, 83.6660,
107.1425

Harmonies

Analogous

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



28.5623, 25.2687, 25.4083



27.5076, 25.2687, 20.2572



25.5372, 25.2687, 17.3868

Triad

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



27.5076, 25.2687, 20.2572



20.1563, 25.2687, 23.4652



24.7797, 25.2687, 41.7011

Complementary

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



27.5076, 25.2687, 20.2572



26.9896, 31.4795, 42.6839

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.



22.5586, 25.2687, 40.9618



27.5076, 25.2687, 20.2572



19.9817, 25.2687, 29.7315

Square

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



27.5076, 25.2687, 20.2572



21.3281, 25.2687, 19.0274



20.8352, 25.2687, 36.3233



26.9232, 25.2687, 38.2082

Rectangle

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



27.5076, 25.2687, 20.2572



24.0181, 25.2687, 16.8386



20.8352, 25.2687, 36.3233



24.0162, 25.2687, 41.9508

Sweetspot

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



27.5083, 25.2699, 20.2577



62.8034, 63.9211, 64.8327



29.2318, 23.7860, 36.0338



13.7937, 13.9608, 13.9883



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.



27.5083, 25.2699, 20.2577



46.8190, 41.4411, 30.2517



31.3607, 32.9748, 21.5419



7.6526, 7.7853, 7.8887



12.6770, 7.2512, 0.7315



0.3427, 0.2449, 0.0292

Inverse Universe

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



26.9896, 31.4795, 42.6839



45.7260, 54.3921, 77.0906



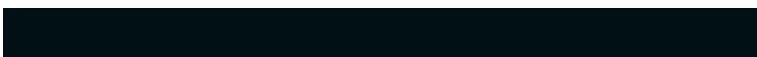
22.9659, 23.4322, 41.3427



7.6134, 8.2637, 9.6121



11.7214, 14.9029, 30.2343



0.3176, 0.4274, 0.7464

Previews

White Background



This preview shows how the XYZ color 27.5076, 25.2687, 20.2572 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 27.5076, 25.2687, 20.2572 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 27.5076, 25.2687, 20.2572

Background



This preview shows how black text looks on a background with the XYZ color 27.5076, 25.2687, 20.2572.



This preview shows how white text looks on a background with the XYZ color 27.5076, 25.2687,

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

27.5076, 25.2687, 20.2572

Protanopia

24.1029, 25.5114, 22.0662

Deuteranopia

25.8380, 25.4069, 20.0652



Tritanopia

28.7200, 25.1872, 26.2696

Trichromacy



Original Color

27.5076, 25.2687, 20.2572

Protanomaly

25.0521, 25.1786, 21.3089

Deuteranomaly

26.3729, 25.2801, 20.0125

Tritanomaly

28.1517, 25.1381, 23.7905

Monochromacy



Original Color

27.5076, 25.2687, 20.2572

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3384, 25.4507, 25.0497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5076, 25.2687, 20.2572 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(170, 128, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 117)  
}
```

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(170, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.5076, 25.2687, 20.2572 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(170, 128, 117) }
```


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

```
.border{ border-color:rgb(170, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5076, 25.2687, 20.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 117) }
```

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

```
.background{ background-color: rgb(170,  
128, 117) }
```

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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