

Converting Colors

XYZ(27.7018, 25.5626, 20.6136)

Have a look what the booklet for
XYZ(27.7018, 25.5626, 20.6136)
contains.

XYZ(27.6978, 25.5546, 20.6122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6978, 25.5546,
20.6122)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8176
RGB	170, 129, 118
RGB Percent	67%, 51%, 46%
CMY	0.3333, 0.4941, 0.5373
CMYK	0.00, 0.24, 0.31, 0.33
HSL	13°, 23%, 56%
HSV	13°, 31%, 67%
XYZ	27.6978, 25.5546, 20.6122
YIQ	140.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

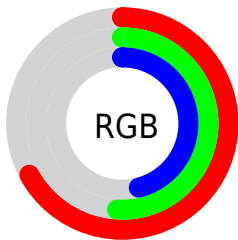
Format	Color
R _Y B	170, 132, 118
Decimal	11174262
CIE Lab	57.61, 14.20, 12.08
CIE LCh	58, 18.642, 40.388
Yxy	25.5546, 0.3750, 0.3460
Android (android.graphics.Color)	4289364342 (0xFFAA8176)
YUV	140.0050, -10.8485, 26.3056
Hunter-Lab	50.5516, 9.3370, 11.2108

Details

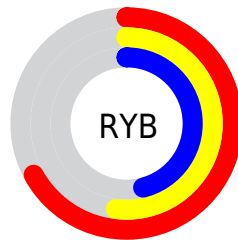
The XYZ color **27.6978, 25.5546, 20.6122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1245, 31.5488, 42.6901**, and the grayscale version is **24.9630, 26.2630, 28.6004**.

A 20% lighter version of the original color is **55.3477, 52.5269, 45.2518**, and **11.3103, 9.9614, 7.1210** is the 20% darker color. If you saturate the color by 10%, you get **25.1262, 21.8849, 15.2121**, and if you desaturate by 10%, it is **30.6845, 29.7627, 27.0495**.

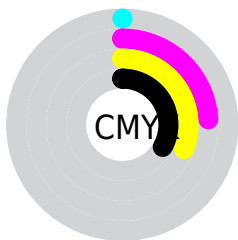
Distribution



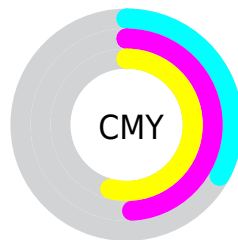
- Red (67%)
- Green (51%)
- Blue (46%)



- Red (67%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6978, 25.5546, 20.6122 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 27.6978, 25.5546, 20.6122 by changing the saturation by 10% instead.

■ 27.6978, 25.5546,
20.6122

■ 27.6978, 25.5546,
20.6122

283.1264,
280.5887, 267.9233

■ 18.2373, 16.4907,
12.6524

■ 55.4136, 52.5555,
45.3136

■ 11.2212, 9.8721,
7.0617

■ 74.3996, 71.2614,
62.8923

■ 6.2842, 5.3142,
3.4217

■ 97.2915, 93.9500,
84.5142

■ 3.0609, 2.4328,
1.3138

124.4546,
121.0058, 110.5981

■ 1.1861, 0.8427,
0.0730

156.2543,
152.8132, 141.5624

■ 0.0953, 0.0000,
0.0000

193.0559,

■ 0.0000, 0.0000,

189.7566, 177.8257

0.0000

235.2248,
232.2203, 219.8065

■ 27.6978, 25.5546,
20.6122

■ 27.6978, 25.5546,
20.6122

■ 25.1262, 21.8849,
15.2121

■ 30.6845, 29.7627,
27.0495

■ 22.9488, 18.7282,
10.7931

■ 34.1017, 34.5262,
34.5730

■ 21.1462, 16.0623,
7.2961


■ 37.9665, 39.8656,
43.2303


■ 19.6962, 13.8622,
4.6553


■ 42.2947, 45.7995,
53.0659


■ 18.5742, 12.1002,
2.7955


■ 47.1010, 52.3456,
64.1217

 17.7523, 10.7459,
1.6288

 52.3996, 59.5207,
76.4376

 17.2076, 9.8062,
0.9858

 58.2040, 67.3410,
90.0518

 64.5273, 75.8224,
105.0009

 68.6975, 83.9060,
107.1825

Harmonies

Analogous

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



28.7479, 25.5546, 25.6718



27.6978, 25.5546, 20.6122



25.7544, 25.5546, 17.7994

Triad

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



27.6978, 25.5546, 20.6122



20.4752, 25.5546, 23.9089



25.0690, 25.5546, 41.7107

Complementary

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



27.6978, 25.5546, 20.6122



27.1245, 31.5488, 42.6901

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.



22.8801, 25.5546, 41.0459



27.6978, 25.5546, 20.6122



20.3166, 25.5546, 30.0945

Square

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



27.6978, 25.5546, 20.6122



21.6191, 25.5546, 19.4917



21.1718, 25.5546, 36.5493



27.1698, 25.5546, 38.2471

Rectangle

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



27.6978, 25.5546, 20.6122



24.2599, 25.5546, 17.2767



21.1718, 25.5546, 36.5493



24.3179, 25.5546, 41.9741

Sweetspot

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



27.6985, 25.5558, 20.6127



62.8226, 63.9596, 64.8392



29.3663, 24.0272, 36.1645



13.7986, 13.9706, 13.9899



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.



27.6985, 25.5558, 20.6127



46.8746, 41.5524, 30.2702



31.4694, 33.0976, 21.8697



7.6550, 7.7901, 7.8894



12.6925, 7.2822, 0.7366



0.3436, 0.2467, 0.0295

Inverse Universe

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



27.1245, 31.5488, 42.6901



45.6475, 54.2351, 77.0644



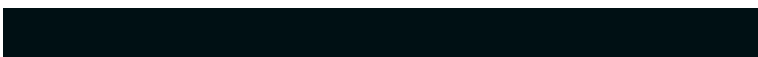
23.1970, 23.6939, 41.3809



7.6108, 8.2585, 9.6113



11.6524, 14.7650, 30.2113



0.3164, 0.4250, 0.7460

Previews

White Background



This preview shows how the XYZ color 27.6978, 25.5546, 20.6122 looks on a white background.

Color Contrast Check

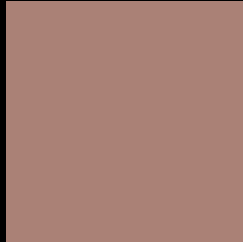
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6978, 25.5546, 20.6122 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 27.6978, 25.5546, 20.6122

Background



This preview shows how black text looks on a background with the XYZ color 27.6978, 25.5546, 20.6122.



This preview shows how white text looks on a background with the XYZ color 27.6978, 25.5546,

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

27.6978, 25.5546, 20.6122

Protanopia

24.3407, 25.6268, 22.4025

Deuteranopia

26.0956, 25.5330, 20.3826



Tritanopia

28.9180, 25.4699, 26.6846

Trichromacy



Original Color

27.6978, 25.5546, 20.6122

Protanomaly

25.4416, 25.5784, 21.6854

Deuteranomaly

26.7720, 25.6794, 20.3752

Tritanomaly

28.3464, 25.4216, 24.1817

Monochromacy



Original Color

27.6978, 25.5546, 20.6122

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7315, 25.8536, 25.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6978, 25.5546, 20.6122 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, 129, 118)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 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(170, 129, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.6978, 25.5546, 20.6122 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, 129, 118) }
```


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

```
.border{ border-color:rgb(170, 129, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 129, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 118);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6978, 25.5546, 20.6122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 118) }
```

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

```
.background{ background-color: rgb(170,  
129, 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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