

Converting Colors

XYZ(25.2457, 20.6308, 20.1929)

Have a look what the booklet for
XYZ(25.2457, 20.6308, 20.1929)
contains.

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Color

**XYZ(25.2699, 20.6031,
20.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6C77
RGB	170, 108, 119
RGB Percent	67%, 42%, 47%
CMY	0.3333, 0.5765, 0.5333
CMYK	0.00, 0.36, 0.30, 0.33
HSL	349°, 27%, 55%
HSV	349°, 36%, 67%
XYZ	25.2699, 20.6031, 20.0977
YIQ	127.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

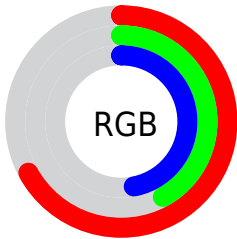
Format	Color
R_{YB}	170, 108, 119
Decimal	11168887
CIE _{Lab}	52.51, 26.20, 4.25
CIE _{LCh}	53, 26.539, 9.216
Yxy	20.6031, 0.3830, 0.3123
Android (android.graphics.Color)	4289358967 (0xFFAA6C77)
YUV	127.7920, -4.3345, 37.0164
Hunter-Lab	45.3906, 19.9410, 5.5215

Details

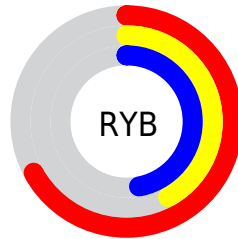
The XYZ color **25.2699, 20.6031, 20.0977** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8180, 34.4413, 38.0370**, and the grayscale version is **20.4527, 21.5178, 23.4329**.

A 20% lighter version of the original color is **51.6000, 44.4128, 44.3810**, and **9.9038, 7.2959, 6.8475** is the 20% darker color. If you saturate the color by 10%, you get **22.8697, 17.0493, 15.4544**, and if you desaturate by 10%, it is **28.1444, 24.9075, 25.5093**.

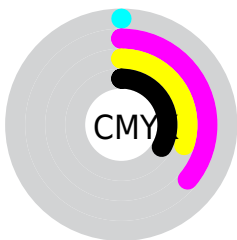
Distribution



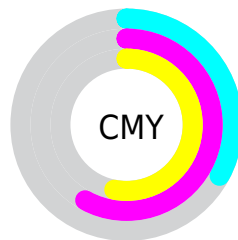
- Red (67%)
- Green (42%)
- Blue (47%)



- Red (67%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2699, 20.6031, 20.0977 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 25.2699, 20.6031, 20.0977 by changing the saturation by 10% instead.


 25.2699, 20.6031,
20.0977


 25.2699, 20.6031,
20.0977


271.5023,
255.1616, 265.0652


 16.4081, 12.8342,
12.2813


 51.5345, 44.4260,
44.4420


 9.9060, 7.3145,
6.8107


 69.6679, 61.2489,
61.8071

 5.3985, 3.6595,
3.2673

 91.6226, 81.8584,
83.1921

 2.5201, 1.4850,
1.2327

 117.7639,
106.6392, 109.0155

 0.9054, 0.2781,
0.0057

148.4572,
135.9755, 139.6961

 0.0000, 0.0000,
0.0000

184.0678,

170.2517, 175.6522

224.9610,
209.8523, 217.3024

■ 25.2699, 20.6031,
20.0977

■ 25.2699, 20.6031,
20.0977

■ 22.8697, 17.0493,
15.4544

■ 28.1444, 24.9075,
25.5093

■ 20.9164, 14.2001,
11.5431

■ 31.5154, 29.9991,
31.7209

■ 19.3821, 12.0093,
8.3263

■ 35.4056, 35.9156,
38.7637


■ 18.2355, 10.4235,
5.7625


■ 39.8358, 42.6913,
46.6670


■ 17.4401, 9.3814,
3.8059


■ 44.8257, 50.3589,
55.4587


 16.9475, 8.7983,
2.4023

 50.3940, 58.9490,
65.1654

 16.8139, 8.6406,
2.0202

 56.5585, 68.4910,
75.8124

 63.3363, 79.0129,
87.4242

 68.7981, 86.6503,
99.3759

Harmonies

Analogous

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



24.9449, 20.6031, 28.2376



25.2699, 20.6031, 20.0977



23.9644, 20.6031, 14.1672

Triad

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



25.2699, 20.6031, 20.0977



16.4307, 20.6031, 12.6396



17.7684, 20.6031, 39.7465

Complementary

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



25.2699, 20.6031, 20.0977



26.8180, 34.4413, 38.0370

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.



15.7705, 20.6031, 33.4151



25.2699, 20.6031, 20.0977



15.0498, 20.6031, 17.4844

Square

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



25.2699, 20.6031, 20.0977



18.7492, 20.6031, 10.5736



14.8199, 20.6031, 24.9431



20.4404, 20.6031, 40.9126

Rectangle

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



25.2699, 20.6031, 20.0977



22.4108, 20.6031, 11.7894



14.8199, 20.6031, 24.9431



17.0030, 20.6031, 38.0915

Sweetspot

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



25.2705, 20.6041, 20.0981



60.7801, 59.8951, 64.0950



26.8444, 20.9620, 40.6615



13.3492, 13.0452, 13.9221



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.



25.2705, 20.6041, 20.0981



42.1643, 31.9199, 29.3532



26.9565, 24.9726, 17.5881



7.5834, 7.5632, 8.1235



12.3837, 6.3622, 1.5663



0.3165, 0.1609, 0.1183

Inverse Universe

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



25.2705, 20.6041, 20.0981



42.1643, 31.9199, 29.3532



24.4058, 28.0211, 42.1526



7.5834, 7.5632, 8.1235



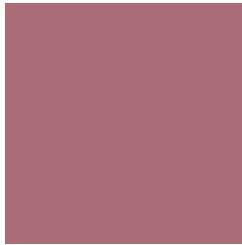
12.3837, 6.3622, 1.5663



0.3165, 0.1609, 0.1183

Previews

White Background



This preview shows how the XYZ color 25.2699, 20.6031, 20.0977 looks on a white background.

Color Contrast Check

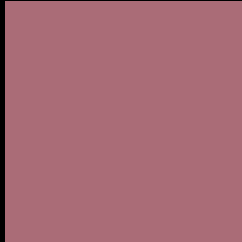
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2699, 20.6031, 20.0977 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 25.2699, 20.6031, 20.0977

Background



This preview shows how black text looks on a background with the XYZ color 25.2699, 20.6031, 20.0977.



This preview shows how white text looks on a background with the XYZ color 25.2699, 20.6031,

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

25.2699, 20.6031, 20.0977

Protanopia

20.0485, 20.7642, 23.7201

Deuteranopia

21.0328, 20.6218, 19.7015



Tritanopia

25.1510, 20.5555, 19.4716

Trichromacy



Original Color

25.2699, 20.6031, 20.0977

Protanomaly

21.6262, 20.5140, 22.2218

Deuteranomaly

22.4643, 20.4742, 19.9075

Tritanomaly

25.2101, 20.5792, 19.7830

Monochromacy



Original Color

25.2699, 20.6031, 20.0977

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8667, 20.9951, 22.3020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2699, 20.6031, 20.0977 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, 108, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 108, 119)  
}
```

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, 108, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 108, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.2699, 20.6031, 20.0977 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, 108, 119) }
```


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

```
.border{ border-color:rgb(170, 108, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 108, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 108, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 108, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 108,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2699, 20.6031, 20.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 108, 119) }
```

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

```
.background{ background-color: rgb(170,  
108, 119) }
```

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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