

Converting Colors

XYZ(25.2518, 19.7772, 17.4745)

Have a look what the booklet for
XYZ(25.2518, 19.7772, 17.4745)
contains.

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Color

**XYZ(25.2998, 19.7644,
17.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	AF666F
RGB	175, 102, 111
RGB Percent	69%, 40%, 44%
CMY	0.3137, 0.6000, 0.5647
CMYK	0.00, 0.42, 0.37, 0.31
HSL	353°, 31%, 54%
HSV	353°, 42%, 69%
XYZ	25.2998, 19.7644, 17.5204
YIQ	124.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

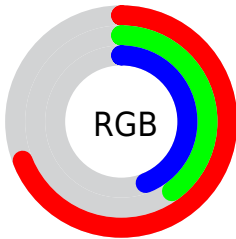
Format	Color
R_{YB}	175, 102, 111
Decimal	11495023
CIE _{Lab}	51.57, 30.39, 7.72
CIE _{LCh}	52, 31.350, 14.251
Yxy	19.7644, 0.4042, 0.3158
Android (android.graphics.Color)	4289685103 (0xFFAF666F)
YUV	124.8530, -6.8295, 43.9789
Hunter-Lab	44.4572, 23.7812, 7.7541

Details

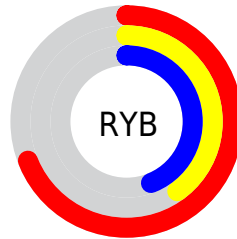
The XYZ color **25.2998, 19.7644, 17.5204** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6933, 36.2383, 41.6135**, and the grayscale version is **19.4567, 20.4700, 22.2918**.

A 20% lighter version of the original color is **51.4452, 42.9114, 40.2216**, and **9.9160, 6.8982, 5.5115** is the 20% darker color. If you saturate the color by 10%, you get **22.9844, 16.3715, 12.9324**, and if you desaturate by 10%, it is **28.1244, 23.9434, 22.9945**.

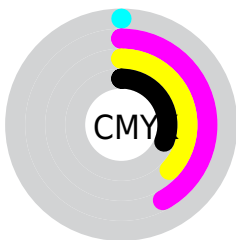
Distribution



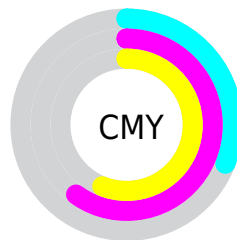
- Red (69%)
- Green (40%)
- Blue (44%)



- Red (69%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2998, 19.7644, 17.5204 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 25.2998, 19.7644, 17.5204 by changing the saturation by 10% instead.


 25.2998, 19.7644,
17.5204


 25.2998, 19.7644,
17.5204


271.6479,
250.6368, 250.2984


 16.4305, 12.2239,
10.4403


 51.5826, 43.0218,
40.0212

 9.9221, 6.8964,
5.5825


 69.7267, 59.5076,
56.2791

 5.4092, 3.3974,
2.5283

 91.6932, 79.7438,
76.4333

 2.5265, 1.3425,
0.8551

 117.8474,
104.1150, 100.9024

 0.9086, 0.1738,
0.0000

148.5545,
133.0055, 130.1049

 0.0000, 0.0000,
0.0000

184.1801,

166.7997, 164.4593

225.0894,
205.8820, 204.3843

■ 25.2998, 19.7644,
17.5204

■ 25.2998, 19.7644,
17.5204

■ 22.9844, 16.3715,
12.9324

■ 28.1244, 23.9434,
22.9945

■ 21.1462, 13.7127,
9.1827

■ 31.4846, 28.9503,
29.3968

■ 19.7520, 11.7344,
6.2205


■ 35.4067, 34.8275,
36.7683


■ 18.7635, 10.3743,
3.9892


■ 39.9150, 41.6138,
45.1468

■ 18.1360, 9.5589,
2.4241


■ 45.0322, 49.3454,
54.5685

 17.8199, 9.1702,
1.5682

 50.7799, 58.0567,
65.0675

 57.1786, 67.7802,
76.6764

 64.2477, 78.5471,
89.4265

 70.5522, 87.4792,
102.8632

Harmonies

Analogous

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



25.2498, 19.7644, 26.5885



25.2998, 19.7644, 17.5204



23.4743, 19.7644, 11.5310

Triad

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



25.2998, 19.7644, 17.5204



14.8624, 19.7644, 11.3203



17.1866, 19.7644, 42.9458

Complementary

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



25.2998, 19.7644, 17.5204



27.6933, 36.2383, 41.6135

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.



14.7667, 19.7644, 36.0621



25.2998, 19.7644, 17.5204



13.5309, 19.7644, 17.1405

Square

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



25.2998, 19.7644, 17.5204



17.3314, 19.7644, 8.6914



13.4980, 19.7644, 26.0864



20.3187, 19.7644, 43.1325

Rectangle

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



25.2998, 19.7644, 17.5204



21.5460, 19.7644, 9.3583



13.4980, 19.7644, 26.0864



16.2714, 19.7644, 41.2676

Sweetspot

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



25.3003, 19.7654, 17.5208



62.2829, 60.6793, 63.7388



28.0624, 20.6269, 43.0597



13.4915, 12.9592, 13.5078



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.



25.3003, 19.7654, 17.5208



41.4818, 29.7836, 23.7986



27.8977, 25.7133, 16.0644



8.0439, 8.0308, 8.5421



12.7743, 6.5723, 1.1911



0.3677, 0.1878, 0.0981

Inverse Universe

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



25.3003, 19.7654, 17.5208



41.4818, 29.7836, 23.7986



23.8447, 27.1739, 44.5457



8.0439, 8.0308, 8.5421



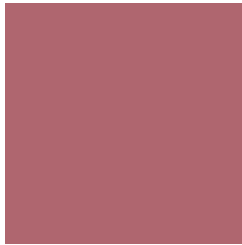
12.7743, 6.5723, 1.1911



0.3677, 0.1878, 0.0981

Previews

White Background



This preview shows how the XYZ color 25.2998, 19.7644, 17.5204 looks on a white background.

Color Contrast Check

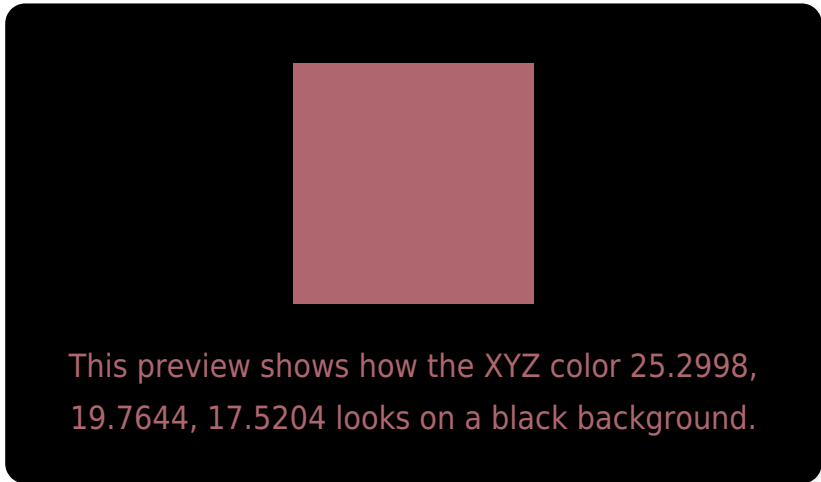
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

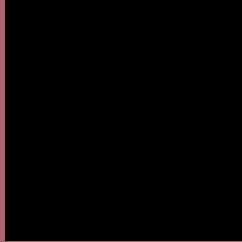
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2998, 19.7644, 17.5204

Background



This preview shows how black text looks on a background with the XYZ color 25.2998, 19.7644, 17.5204.



This preview shows how white text looks on a background with the XYZ color 25.2998, 19.7644,

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

25.2998, 19.7644, 17.5204

Protanopia

19.2000, 20.0067, 21.2621

Deuteranopia

20.2881, 19.9391, 16.9667



Tritanopia

25.2450, 19.7425, 17.2320

Trichromacy



Original Color

25.2998, 19.7644, 17.5204

Protanomaly

20.9023, 19.4988, 19.8015

Deuteranomaly

21.8023, 19.6867, 17.1188

Tritanomaly

25.2450, 19.7425, 17.2320

Monochromacy



Original Color

25.2998, 19.7644, 17.5204

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0791, 19.9183, 20.5029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2998, 19.7644, 17.5204 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, 102, 111)` looks like.

```
.text, #text, p{  
    color:rgb(175, 102, 111)  
}
```

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, 102, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 102, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.2998, 19.7644, 17.5204 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, 102, 111) }
```


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

```
.border{ border-color:rgb(175, 102, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 102, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 102, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 102, 111);  
box-shadow:4px 4px 4px 4px rgb(175, 102,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2998, 19.7644, 17.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 102, 111) }
```

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

```
.background{ background-color: rgb(175,  
102, 111) }
```

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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