

Converting Colors

XYZ(25.3565, 19.7165, 25.1885)

Have a look what the booklet for
XYZ(25.3565, 19.7165, 25.1885)
contains.

XYZ(25.3018, 19.7466, 25.0322)	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(25.3018, 19.7466,
25.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	A86786
RGB	168, 103, 134
RGB Percent	66%, 40%, 53%
CMY	0.3412, 0.5961, 0.4745
CMYK	0.00, 0.39, 0.20, 0.34
HSL	331°, 27%, 53%
HSV	331°, 39%, 66%
XYZ	25.3018, 19.7466, 25.0322
YIQ	125.9690, 28.7890, 23.4210

Conversions

Conversions Part 2

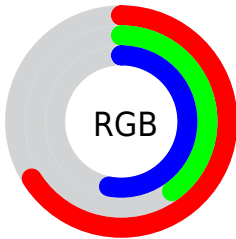
Format	Color
R_{YB}	168, 103, 134
Decimal	11036550
CIE _{Lab}	51.55, 30.48, -6.06
CIE _{LCh}	52, 31.077, 348.763
Yxy	19.7466, 0.3610, 0.2818
Android (android.graphics.Color)	4289226630 (0xFFA86786)
YUV	125.9690, 3.9593, 36.8612
Hunter-Lab	44.4371, 23.8700, -2.2931

Details

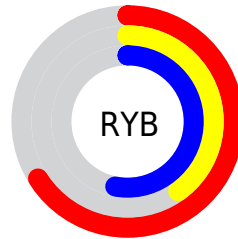
The XYZ color **25.3018, 19.7466, 25.0322** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1124, 32.6955, 28.7085**, and the grayscale version is **19.8013, 20.8326, 22.6866**.

A 20% lighter version of the original color is **51.4315, 42.8778, 52.5792**, and **9.8588, 6.8558, 9.1912** is the 20% darker color. If you saturate the color by 10%, you get **23.2080, 16.4993, 21.4348**, and if you desaturate by 10%, it is **27.7835, 23.6876, 29.0107**.

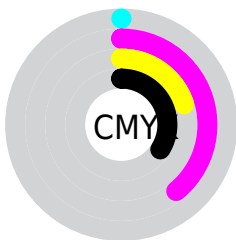
Distribution



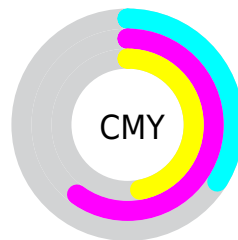
- Red (66%)
- Green (40%)
- Blue (53%)



- Red (66%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3018, 19.7466, 25.0322 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 25.3018, 19.7466, 25.0322 by changing the saturation by 10% instead.


 25.3018, 19.7466,
25.0322


 25.3018, 19.7466,
25.0322


271.6576,
250.5400, 291.4511


 16.4320, 12.2110,
15.8818


 51.5858, 42.9919,
52.6742


 9.9231, 6.8875,
9.2871


 69.7307, 59.4704,
72.0029

 5.4099, 3.3919,
4.8296

 91.6979, 79.6987,
95.5615

 2.5269, 1.3396,
2.0906

 117.8529,
104.0611, 123.7685

 0.9089, 0.1715,
0.6102

148.5611,
132.9420, 157.0424

 0.0000, 0.0000,
0.0000

184.1876,

166.7259, 195.8017

225.0980,
205.7971, 240.4651

■ 25.3018, 19.7466,
25.0322

■ 25.3018, 19.7466,
25.0322

■ 23.2080, 16.4993,
21.4348

■ 27.7835, 23.6876,
29.0107

■ 21.4788, 13.9019,
18.2040

■ 30.6710, 28.3572,
33.3814

■ 20.0911, 11.9101,
15.3260

■ 33.9833, 33.7909,
38.1567

■ 19.0184, 10.4728,
12.7854

■ 37.7375, 40.0215,
43.3477

■ 18.2295, 9.5300,
10.5649

■ 41.9499, 47.0796,
48.9651

■ 17.6679, 8.9709,
8.6384

■ 46.6358, 54.9942,
55.0192

■ 17.6009, 8.9058,
8.4037

■ 51.8098, 63.7930,
61.5200

■ 57.4860, 73.5023,
68.4771

■ 63.6777, 84.1476,
75.8996

Harmonies

Analogous

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



23.6603, 19.7466, 34.9589



25.3018, 19.7466, 25.0322



25.0535, 19.7466, 16.4261

Triad

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



25.3018, 19.7466, 25.0322



16.9011, 19.7466, 8.9745



15.0792, 19.7466, 37.2145

Complementary

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



25.3018, 19.7466, 25.0322



24.1124, 32.6955, 28.7085

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.



13.6338, 19.7466, 27.5256



25.3018, 19.7466, 25.0322



14.6023, 19.7466, 12.0337

Square

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



25.3018, 19.7466, 25.0322



19.9642, 19.7466, 8.6519



13.4695, 19.7466, 18.3180



17.6216, 19.7466, 43.1862

Rectangle

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



25.3018, 19.7466, 25.0322



23.8555, 19.7466, 12.4246



13.4695, 19.7466, 18.3180



14.4616, 19.7466, 34.1775

Sweetspot

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



25.3024, 19.7475, 25.0326



59.4542, 57.6731, 66.0946



22.1674, 17.8120, 39.3157



12.7957, 12.3031, 14.1721



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.3024, 19.7475, 25.0326



42.7637, 30.9358, 40.0492



23.5561, 19.2226, 15.3019



7.6745, 7.5997, 8.6031



13.3170, 6.7355, 6.4811



0.3500, 0.1743, 0.2946

Inverse Universe

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



25.3024, 19.7475, 25.0326



42.7637, 30.9358, 40.0492



26.4655, 33.3181, 42.0822



7.6745, 7.5997, 8.6031



13.3170, 6.7355, 6.4811



0.3500, 0.1743, 0.2946

Previews

White Background



This preview shows how the XYZ color 25.3018, 19.7466, 25.0322 looks on a white background.

Color Contrast Check

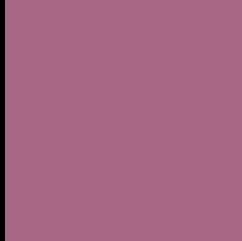
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3018, 19.7466, 25.0322 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 25.3018, 19.7466, 25.0322

Background



This preview shows how black text looks on a background with the XYZ color 25.3018, 19.7466, 25.0322.



This preview shows how white text looks on a background with the XYZ color 25.3018, 19.7466,

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

25.3018, 19.7466, 25.0322

Protanopia

19.6191, 19.8459, 29.9907

Deuteranopia

20.3289, 19.9772, 24.2573



Tritanopia

24.0781, 19.8602, 18.7840

Trichromacy



Original Color

25.3018, 19.7466, 25.0322

Protanomaly

21.1666, 19.4487, 28.2296

Deuteranomaly

21.8592, 19.7203, 24.4841

Tritanomaly

24.6032, 19.9287, 20.9622

Monochromacy



Original Color

25.3018, 19.7466, 25.0322

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4254, 20.2046, 23.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3018, 19.7466, 25.0322 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(168, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 103, 134)  
}
```

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(168, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 103, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.3018, 19.7466, 25.0322 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(168, 103, 134) }
```


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

```
.border{ border-color:rgb(168, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 103, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 103, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 103,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3018, 19.7466, 25.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 103, 134) }
```

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

```
.background{ background-color: rgb(168,  
103, 134) }
```

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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