

Converting Colors

XYZ(25.3796, 19.7316, 25.2734)

Have a look what the booklet for
XYZ(25.3796, 19.7316, 25.2734)
contains.

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Color

**XYZ(25.3719, 19.7746,
25.4013)**

Conversions

Conversions Part 1

Format	Color
Hex	A86787
RGB	168, 103, 135
RGB Percent	66%, 40%, 53%
CMY	0.3412, 0.5961, 0.4706
CMYK	0.00, 0.39, 0.20, 0.34
HSL	330°, 27%, 53%
HSV	330°, 39%, 66%
XYZ	25.3719, 19.7746, 25.4013
YIQ	126.0830, 28.4680, 23.7320

Conversions

Conversions Part 2

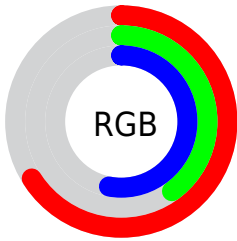
Format	Color
R_{YB}	168, 103, 135
Decimal	11036551
CIE _{Lab}	51.58, 30.64, -6.60
CIE _{LCh}	52, 31.344, 347.844
Yxy	19.7746, 0.3596, 0.2803
Android (android.graphics.Color)	4289226631 (0xFFA86787)
YUV	126.0830, 4.3961, 36.7612
Hunter-Lab	44.4686, 24.0243, -2.7395

Details

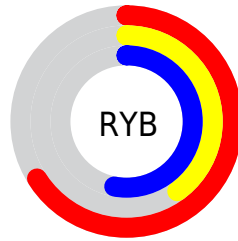
The XYZ color **25.3719, 19.7746, 25.4013** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0410, 32.6670, 28.3324**, and the grayscale version is **19.8387, 20.8718, 22.7294**.

A 20% lighter version of the original color is **51.5389, 42.9208, 53.1451**, and **9.8983, 6.8716, 9.3990** is the 20% darker color. If you saturate the color by 10%, you get **23.2891, 16.5317, 21.8618**, and if you desaturate by 10%, it is **27.8398, 23.7101, 29.3070**.

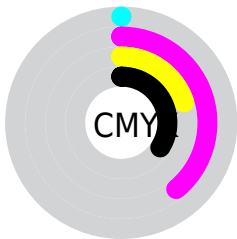
Distribution



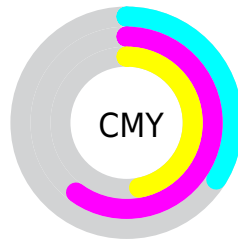
- Red (66%)
- Green (40%)
- Blue (53%)



- 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 25.3719, 19.7746, 25.4013 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 25.3719, 19.7746, 25.4013 by changing the saturation by 10% instead.


 25.3719, 19.7746,
25.4013


 25.3719, 19.7746,
25.4013


271.9986,
250.6923, 293.3420


 16.4846, 12.2313,
16.1546


 51.6985, 43.0390,
53.2797

 9.9607, 6.9014,
9.4780


 69.8684, 59.5288,
72.7484

 5.4350, 3.4005,
4.9532


 91.8633, 79.7696,
96.4615

 2.5420, 1.3442,
2.1616

 118.0484,
104.1459, 124.8375

 0.9165, 0.1751,
0.6521

148.7891,
133.0418, 158.2951

 0.0000, 0.0000,
0.0000

184.4508,

166.8420, 197.2526

225.3989,
205.9306, 242.1288

■ 25.3719, 19.7746,
25.4013

■ 25.3719, 19.7746,
25.4013

■ 23.2891, 16.5317,
21.8618

■ 27.8398, 23.7101,
29.3070

■ 21.5682, 13.9376,
18.6747

■ 30.7105, 28.3729,
33.5895

■ 20.1862, 11.9482,
15.8267


■ 34.0030, 33.7988,
38.2605


■ 19.1167, 10.5121,
13.3030

■ 37.7343, 40.0202,
43.3309

■ 18.3287, 9.5697,
11.0872


■ 41.9206, 47.0678,
48.8106


 17.7658, 9.0101,
9.1538

 46.5770, 54.9706,
54.7098

 17.6985, 8.9449,
8.9174

 51.7182, 63.7563,
61.0376

 57.3580, 73.4511,
67.8034

 63.5099, 84.0804,
75.0160

Harmonies

Analogous

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



23.6611, 19.7746, 35.4250



25.3719, 19.7746, 25.4013



25.1821, 19.7746, 16.6337

Triad

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



25.3719, 19.7746, 25.4013



16.9967, 19.7746, 8.8651



15.0102, 19.7746, 37.1513

Complementary

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



25.3719, 19.7746, 25.4013



24.0410, 32.6670, 28.3324

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.



13.5913, 19.7746, 27.3063



25.3719, 19.7746, 25.4013



14.6468, 19.7746, 11.8482

Square

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



25.3719, 19.7746, 25.4013



20.1019, 19.7746, 8.6204



13.4662, 19.7746, 18.0756



17.5463, 19.7746, 43.3754

Rectangle

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



25.3719, 19.7746, 25.4013



24.0049, 19.7746, 12.5336



13.4662, 19.7746, 18.0756



14.3997, 19.7746, 34.0473

Sweetspot

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



25.3725, 19.7755, 25.4017



59.5033, 57.6928, 66.3532



21.9913, 17.7212, 39.3076



12.8074, 12.3077, 14.2336



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.



25.3725, 19.7755, 25.4017



42.9076, 30.9933, 40.8068



23.4476, 19.0056, 15.2657



7.6793, 7.6016, 8.6282



13.3909, 6.7651, 6.8700



0.3517, 0.1750, 0.3036

Inverse Universe

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



25.3725, 19.7755, 25.4017



42.9076, 30.9933, 40.8068



26.6647, 33.7165, 42.1487



7.6793, 7.6016, 8.6282



13.3909, 6.7651, 6.8700



0.3517, 0.1750, 0.3036

Previews

White Background



This preview shows how the XYZ color 25.3719, 19.7746, 25.4013 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 25.3719, 19.7746, 25.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

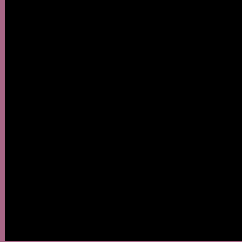
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3719, 19.7746, 25.4013

Background



This preview shows how black text looks on a background with the XYZ color 25.3719, 19.7746, 25.4013.



This preview shows how white text looks on a background with the XYZ color 25.3719, 19.7746,

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

25.3719, 19.7746, 25.4013

Protanopia

19.6972, 19.8772, 30.4023

Deuteranopia

20.2414, 19.9242, 24.6087



Tritanopia

24.0781, 19.8602, 18.7840

Trichromacy



Original Color

25.3719, 19.7746, 25.4013

Protanomaly

21.2420, 19.4789, 28.6268

Deuteranomaly

21.7526, 19.6574, 24.8381

Tritanomaly

24.6032, 19.9287, 20.9622

Monochromacy



Original Color

25.3719, 19.7746, 25.4013

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 25.3719, 19.7746, 25.4013 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 103, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 103, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.3719, 19.7746, 25.4013 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, 135) }
```


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

```
.border{ border-color:rgb(168, 103, 135) }
```

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, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 103,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3719, 19.7746, 25.4013 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, 135) }
```

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

```
.background{ background-color: rgb(168,  
103, 135) }
```

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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