

Converting Colors

XYZ(30.6231, 25.7214, 33.4276)

Have a look what the booklet for
XYZ(30.6231, 25.7214, 33.4276)
contains.

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Color

**XYZ(30.5119, 25.5798,
33.4662)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7B99
RGB	175, 123, 153
RGB Percent	69%, 48%, 60%
CMY	0.3137, 0.5176, 0.4000
CMYK	0.00, 0.30, 0.13, 0.31
HSL	325°, 25%, 58%
HSV	325°, 30%, 69%
XYZ	30.5119, 25.5798, 33.4662
YIQ	141.9680, 21.3620, 20.3540

Conversions

Conversions Part 2

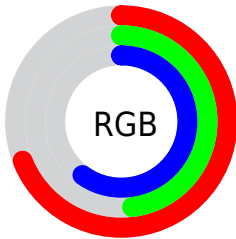
Format	Color
R_{YB}	175, 123, 153
Decimal	11500441
CIE Lab	57.64, 24.96, -8.01
CIE LCh	58, 26.216, 342.201
Yxy	25.5798, 0.3407, 0.2856
Android (android.graphics.Color)	4289690521 (0xFFAF7B99)
YUV	141.9680, 5.4388, 28.9691
Hunter-Lab	50.5765, 19.1771, -3.8284

Details

The XYZ color **30.5119, 25.5798, 33.4662** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.6102, 36.9159, 32.4073**, and the grayscale version is **25.6724, 27.0094, 29.4132**.

A 20% lighter version of the original color is **59.7428, 52.5446, 66.0248**, and **12.8069, 9.8620, 13.7989** is the 20% darker color. If you saturate the color by 10%, you get **27.9394, 21.3830, 29.6846**, and if you desaturate by 10%, it is **33.5120, 30.5702, 37.5782**.

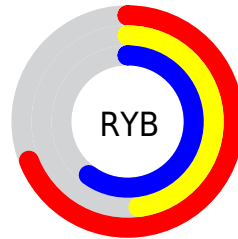
Distribution



Red (69%)

Green (48%)

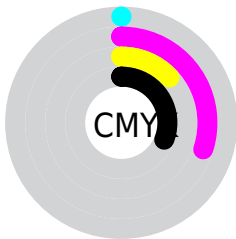
Blue (60%)



Red (69%)

Yellow (48%)

Blue (60%)

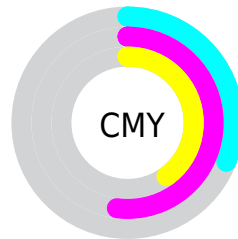


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5119, 25.5798, 33.4662 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 30.5119, 25.5798, 33.4662 by changing the saturation by 10% instead.

 30.5119, 25.5798,
33.4662


 30.5119, 25.5798,
33.4662


296.1505,
280.7132, 332.4415


 20.3775, 16.5096,
22.2098


 59.8519, 52.5963,
66.2271

 12.7796, 9.8854,
13.8113


 79.7881, 71.3113,
88.5686

 7.3529, 5.3231,
7.8523


 103.7223, 94.0100,
115.4423

 3.7320, 2.4380,
3.9142

132.0199,
121.0769, 147.2666

 1.5517, 0.8454,
1.5784

165.0461,
152.8962, 184.4602

 0.3606, 0.0000,
0.2753

203.1664,

 0.0000, 0.0000,

189.8525, 227.4415

0.0000

246.7461,
232.3300, 276.6291

■ 30.5119, 25.5798,
33.4662

■ 30.5119, 25.5798,
33.4662

■ 27.9394, 21.3830,
29.6846

■ 33.5120, 30.5702,
37.5782

■ 25.7708, 17.9347,
26.2212

■ 36.9571, 36.3893,
42.0288

■ 23.9835, 15.1906,
23.0654

■ 40.8666, 43.0743,
46.8279

■ 22.5518, 13.1003,
20.2049

■ 45.2578, 50.6590,
51.9845

■ 21.4464, 11.6064,
17.6265

■ 50.1474, 59.1755,
57.5071

■ 20.6332, 10.6418,
15.3148

■ 55.5511, 68.6542,
63.4039

■ 20.0421, 10.0679,
13.2426

■ 61.4837, 79.1243,
69.6828

■ 20.0262, 10.0528,
13.1857

■ 65.3527, 85.3994,
75.4826

■ 66.3099, 85.7823,
80.5231

Harmonies

Analogous

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



28.5883, 25.5798, 42.6885



30.5119, 25.5798, 33.4662



30.6894, 25.5798, 24.3625

Triad

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



30.5119, 25.5798, 33.4662



23.0617, 25.5798, 14.1627



20.1174, 25.5798, 41.1238

Complementary

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



30.5119, 25.5798, 33.4662



28.6102, 36.9159, 32.4073

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.



18.8870, 25.5798, 31.6598



30.5119, 25.5798, 33.4662



20.4864, 25.5798, 16.9260

Square

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



30.5119, 25.5798, 33.4662



26.2013, 25.5798, 14.4424



19.0160, 25.5798, 22.9037



22.5173, 25.5798, 47.7214

Rectangle

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



30.5119, 25.5798, 33.4662



29.7753, 25.5798, 19.6324



19.0160, 25.5798, 22.9037



19.5630, 25.5798, 38.0951

Sweetspot

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



30.5127, 25.5810, 33.4667



66.5558, 65.7964, 75.7332



26.4403, 23.2519, 43.6522



14.5837, 14.2687, 16.5693



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.



30.5127, 25.5810, 33.4667



51.3829, 40.4721, 55.1948



28.6156, 24.8222, 23.4771



8.1916, 8.0899, 9.3198



14.3725, 7.2116, 9.6072



0.4264, 0.2112, 0.4072

Inverse Universe

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



30.5127, 25.5810, 33.4667



51.3829, 40.4721, 55.1948



30.8181, 37.7990, 44.0338



8.1916, 8.0899, 9.3198



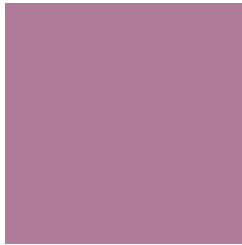
14.3725, 7.2116, 9.6072



0.4264, 0.2112, 0.4072

Previews

White Background



This preview shows how the XYZ color 30.5119, 25.5798, 33.4662 looks on a white background.

Color Contrast Check

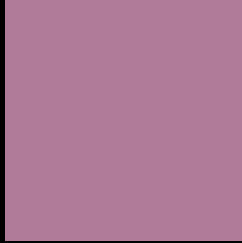
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5119, 25.5798, 33.4662 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 30.5119, 25.5798, 33.4662

Background



This preview shows how black text looks on a background with the XYZ color 30.5119, 25.5798, 33.4662.



This preview shows how white text looks on a background with the XYZ color 30.5119, 25.5798,

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

30.5119, 25.5798, 33.4662

Protanopia

25.4416, 25.8539, 37.8318

Deuteranopia

26.2825, 25.7654, 32.8661



Tritanopia

29.1384, 25.5835, 26.6949

Trichromacy



Original Color

30.5119, 25.5798, 33.4662

Protanomaly

27.0400, 25.6678, 36.3301

Deuteranomaly

27.6884, 25.6677, 33.2008

Tritanomaly

29.6717, 25.6189, 28.9723

Monochromacy



Original Color

30.5119, 25.5798, 33.4662

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1787, 26.2733, 30.8329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5119, 25.5798, 33.4662 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, 123, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 153)  
}
```

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, 123, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.5119, 25.5798, 33.4662 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, 123, 153) }
```


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

```
.border{ border-color:rgb(175, 123, 153) }
```

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

Here you see how a box with a 4 pixel rgb(175, 123, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 153);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5119, 25.5798, 33.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 153) }
```

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

```
.background{ background-color: rgb(175,  
123, 153) }
```

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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