

Converting Colors

XYZ(33.6230, 26.7067, 38.7238)

Have a look what the booklet for
XYZ(33.6230, 26.7067, 38.7238)
contains.

XYZ(33.5458, 26.6694, 38.5016)	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(33.5458, 26.6694,
38.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	B979A4
RGB	185, 121, 164
RGB Percent	73%, 47%, 64%
CMY	0.2745, 0.5255, 0.3569
CMYK	0.00, 0.35, 0.11, 0.27
HSL	320°, 31%, 60%
HSV	320°, 35%, 73%
XYZ	33.5458, 26.6694, 38.5016
YIQ	145.0380, 24.3410, 26.9410

Conversions

Conversions Part 2

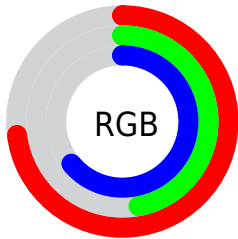
Format	Color
R_{YB}	185, 121, 164
Decimal	12155300
CIE _{Lab}	58.67, 31.51, -12.69
CIE _{LCh}	59, 33.968, 338.059
Yxy	26.6694, 0.3398, 0.2702
Android (android.graphics.Color)	4290345380 (0xFFB979A4)
YUV	145.0380, 9.3483, 35.0467
Hunter-Lab	51.6424, 25.5755, -8.0535

Details

The XYZ color **33.5458, 26.6694, 38.5016** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.1178, 40.7166, 31.8647**, and the grayscale version is **26.8861, 28.2863, 30.8037**.

A 20% lighter version of the original color is **64.5402, 54.2638, 74.0902**, and **14.5379, 10.5016, 16.5900** is the 20% darker color. If you saturate the color by 10%, you get **30.9744, 22.3828, 35.0040**, and if you desaturate by 10%, it is **36.5761, 31.8311, 42.2819**.

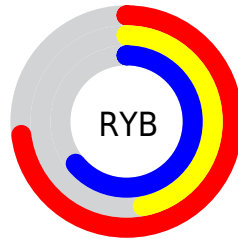
Distribution



Red (73%)

Green (47%)

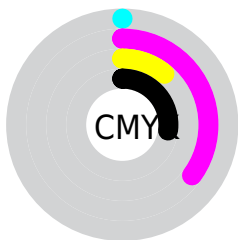
Blue (64%)



Red (73%)

Yellow (47%)

Blue (64%)

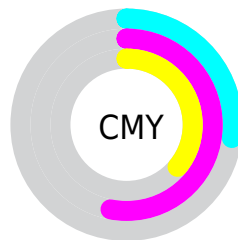


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5458, 26.6694, 38.5016 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 33.5458, 26.6694, 38.5016 by changing the saturation by 10% instead.


 33.5458, 26.6694,
38.5016


 33.5458, 26.6694,
38.5016

309.7237,
286.0528, 355.1293

 22.7061, 17.3251,
26.0674


 64.5757, 54.3529,
74.0882

 14.4962, 10.4665,
16.6478


 85.4967, 73.4609,
98.0777

 8.5506, 5.7094,
9.8244


 110.5088, 96.5922,
126.7561

 4.5040, 2.6692,
5.1786

139.9773,
124.1313, 160.5418

 1.9910, 0.9616,
2.2919

174.2678,
156.4625, 199.8535

 0.6289, 0.0000,
0.7267

213.7454,

 0.0000, 0.0000,

193.9702, 245.1096

0.0000

258.7756,
237.0389, 296.7287

■ 33.5458, 26.6694,
38.5016

■ 33.5458, 26.6694,
38.5016

■ 30.9744, 22.3828,
35.0040

■ 36.5761, 31.8311,
42.2819

■ 28.8344, 18.9181,
31.7772

■ 40.0860, 37.9100,
46.3527

■ 27.0990, 16.2219,
28.8109

■ 44.0978, 44.9496,
50.7233

■ 25.7373, 14.2329,
26.0927

■ 48.6317, 52.9899,
55.4023

■ 24.7136, 12.8804,
23.6091

■ 53.7067, 62.0683,
60.3975

■ 23.9848, 12.0789,
21.3436

■ 59.3409, 72.2205,
65.7167

■ 23.6645, 11.7771,
20.1922

■ 65.5515, 83.4803,
71.3671

■ 67.7230, 86.6165,
75.8119

■ 68.5062, 86.9298,
79.9361

Harmonies

Analogous

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



30.6253, 26.6694, 51.1574



33.5458, 26.6694, 38.5016



34.1546, 26.6694, 25.9336

Triad

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



33.5458, 26.6694, 38.5016



24.2398, 26.6694, 11.7075



19.5396, 26.6694, 45.6387

Complementary

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



33.5458, 26.6694, 38.5016



30.1178, 40.7166, 31.8647

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.



18.2032, 26.6694, 32.3818



33.5458, 26.6694, 38.5016



20.7155, 26.6694, 14.4396

Square

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



33.5458, 26.6694, 38.5016



28.4672, 26.6694, 12.5099



18.6088, 26.6694, 21.2688



22.4663, 26.6694, 56.0036

Rectangle

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



33.5458, 26.6694, 38.5016



33.1113, 26.6694, 19.5126



18.6088, 26.6694, 21.2688



18.9050, 26.6694, 41.2482

Sweetspot

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



33.5466, 26.6706, 38.5022



74.8621, 73.2631, 86.4162



26.6255, 22.8651, 48.9094



15.9264, 15.4219, 18.3964



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.5466, 26.6706, 38.5022



56.2913, 41.4342, 63.8473



31.0612, 25.6765, 25.4142



9.2522, 9.1113, 10.6755



16.1479, 8.0329, 13.9316



0.5965, 0.2941, 0.6345

Inverse Universe

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



33.5466, 26.6706, 38.5022



56.2913, 41.4342, 63.8473



32.8037, 41.7910, 46.0089



9.2522, 9.1113, 10.6755



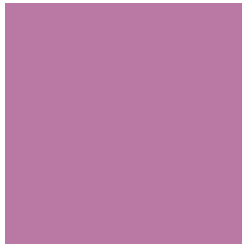
16.1479, 8.0329, 13.9316



0.5965, 0.2941, 0.6345

Previews

White Background



This preview shows how the XYZ color 33.5458, 26.6694, 38.5016 looks on a white background.

Color Contrast Check

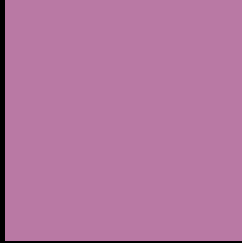
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5458, 26.6694, 38.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

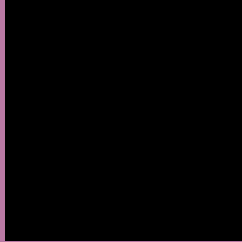
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5458, 26.6694, 38.5016

Background



This preview shows how black text looks on a background with the XYZ color 33.5458, 26.6694, 38.5016.



This preview shows how white text looks on a background with the XYZ color 33.5458, 26.6694,

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

33.5458, 26.6694, 38.5016

Protanopia

26.9868, 26.9170, 45.3681

Deuteranopia

27.3756, 26.8612, 37.4601



Tritanopia

31.1962, 26.6444, 26.7912

Trichromacy



Original Color

33.5458, 26.6694, 38.5016

Protanomaly

28.7828, 26.4290, 42.6140

Deuteranomaly

29.2701, 26.5847, 37.7711

Tritanomaly

31.9244, 26.5579, 30.6377

Monochromacy



Original Color

33.5458, 26.6694, 38.5016

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9689, 27.3489, 33.4578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5458, 26.6694, 38.5016 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(185, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 164)  
}
```

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(185, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 164) }
```

Border

The CSS property to change the border of an element to XYZ 33.5458, 26.6694, 38.5016 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(185, 121, 164) }
```


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

```
.border{ border-color:rgb(185, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5458, 26.6694, 38.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 164) }
```

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

```
.background{ background-color: rgb(185,  
121, 164) }
```

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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