

Converting Colors

XYZ(34.9350, 26.4958, 51.0993)

Have a look what the booklet for
XYZ(34.9350, 26.4958, 51.0993)
contains.

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Color

**XYZ(34.8469, 26.5328,
50.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	B676BC
RGB	182, 118, 188
RGB Percent	71%, 46%, 74%
CMY	0.2863, 0.5372, 0.2627
CMYK	0.03, 0.37, 0.00, 0.26
HSL	295°, 34%, 60%
HSV	295°, 37%, 74%
XYZ	34.8469, 26.5328, 50.8617
YIQ	145.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

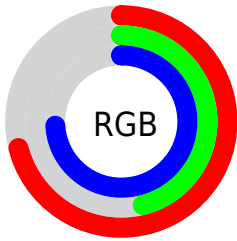
Format	Color
R _Y B	182, 118, 188
Decimal	11957948
CIE Lab	58.54, 36.57, -26.67
CIE LCh	59, 45.258, 323.901
Yxy	26.5328, 0.3105, 0.2364
Android (android.graphics.Color)	4290148028 (0xFFB676BC)
YUV	145.1160, 21.1418, 32.3473
Hunter-Lab	51.5100, 30.6141, -22.4868

Details

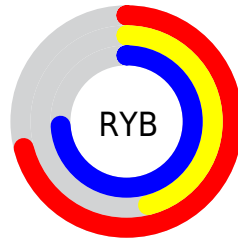
The XYZ color **34.8469, 26.5328, 50.8617** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.5664, 41.5602, 23.6045**, and the grayscale version is **26.8739, 28.2734, 30.7897**.

A 20% lighter version of the original color is **66.4886, 54.0082, 92.5082**, and **15.2723, 10.4447, 23.7653** is the 20% darker color. If you saturate the color by 10%, you get **32.4716, 22.3434, 50.1786**, and if you desaturate by 10%, it is **37.6695, 31.6092, 51.6932**.

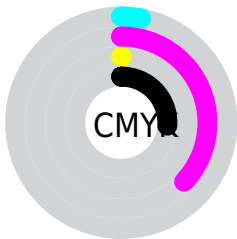
Distribution



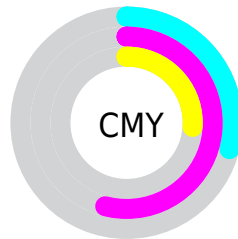
- Red (71%)
- Green (46%)
- Blue (74%)



- Red (71%)
- Yellow (46%)
- Blue (74%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (54%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8469, 26.5328, 50.8617 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 34.8469, 26.5328, 50.8617 by changing the saturation by 10% instead.

34.8469, 26.5328,
50.8617

34.8469, 26.5328,
50.8617

315.4119,
285.3878, 406.8574

23.7109, 17.2227,
35.7226

66.5841, 54.1332,
92.8597

15.2429, 10.3934,
23.9320

87.9161, 73.1923,
120.5557

9.0775, 5.6605,
15.0715

113.3774, 96.2699,
153.2744

4.8493, 2.6398,
8.7224

143.3334,
123.7502, 191.4343

2.1929, 0.9467,
4.4662

178.1495,
156.0178, 235.4541

0.7390, 0.0000,
1.8844

218.1911,

0.0000, 0.0000,

193.4570, 285.7521

0.4828

263.8234,
236.4522, 342.7471

■ 0.0000, 0.0000,
0.0000

■ 34.8469, 26.5328,
50.8617

■ 34.8469, 26.5328,
50.8617

■ 32.4716, 22.3434,
50.1786

■ 37.6695, 31.6092,
51.6932

■ 30.5147, 18.9849,
49.6335

■ 40.9610, 37.6174,
52.6794

■ 28.9478, 16.3999,
49.2172

■ 44.7448, 44.6035,
53.8284

■ 27.7381, 14.5228,
48.9186

■ 49.0417, 52.6095,
55.1473

■ 26.8470, 13.2765,
48.7250

■ 53.8716, 61.6748,
56.6425

■ 26.2200, 12.5522,
48.6182

■ 59.2531, 71.8368,
58.3203

■ 26.0655, 12.3887,
48.5948

■ 65.2042, 83.1312,
60.1867

■ 67.3151, 86.7387,
60.7717

■ 67.7334, 86.9543,
60.7913

Harmonies

Analogous

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



29.7876, 26.5328, 66.7421



34.8469, 26.5328, 50.8617



37.3691, 26.5328, 32.2554

Triad

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



34.8469, 26.5328, 50.8617



26.3680, 26.5328, 7.9277



16.6762, 26.5328, 43.1039

Complementary

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



34.8469, 26.5328, 50.8617



29.5664, 41.5602, 23.6045

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.



16.0367, 26.5328, 25.7667



34.8469, 26.5328, 50.8617



21.1426, 26.5328, 9.0055

Square

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



34.8469, 26.5328, 50.8617



32.0332, 26.5328, 10.5801



17.5505, 26.5328, 14.3801



19.4463, 26.5328, 61.2338

Rectangle

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



34.8469, 26.5328, 50.8617



37.0428, 26.5328, 22.1600



17.5505, 26.5328, 14.3801



16.2236, 26.5328, 36.8601

Sweetspot

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



34.8478, 26.5340, 50.8623



78.2762, 75.6212, 96.6970



23.8831, 22.1509, 50.5942



16.6324, 15.8916, 20.7333



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.8478, 26.5340, 50.8623



59.4439, 41.5311, 91.1095



33.5635, 26.1875, 36.5444



9.8471, 9.6536, 12.0165



17.7778, 8.4509, 33.0871



0.7203, 0.3434, 1.2972

Inverse Universe

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



30.8565, 25.1047, 22.2895



51.2406, 38.6203, 31.1723



30.6437, 41.8940, 33.6666



9.5625, 9.5493, 10.0850



14.1965, 7.3097, 1.0624



0.5675, 0.2909, 0.1016

Previews

White Background



This preview shows how the XYZ color 34.8469, 26.5328, 50.8617 looks on a white background.

Color Contrast Check

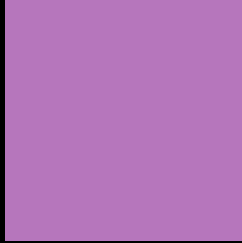
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8469, 26.5328, 50.8617 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 34.8469, 26.5328, 50.8617

Background



This preview shows how black text looks on a background with the XYZ color 34.8469, 26.5328, 50.8617.



This preview shows how white text looks on a background with the XYZ color 34.8469, 26.5328,

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

34.8469, 26.5328, 50.8617

Protanopia

27.8774, 26.8179, 60.8338

Deuteranopia

27.4001, 26.8315, 49.0823



Tritanopia

29.9858, 26.3873, 27.5576

Trichromacy



Original Color

34.8469, 26.5328, 50.8617

Protanomaly

29.6370, 26.1495, 56.9114

Deuteranomaly

29.4509, 26.2194, 49.4076

Tritanomaly

31.5685, 26.2806, 34.8613

Monochromacy



Original Color

34.8469, 26.5328, 50.8617

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1975, 27.1703, 37.4237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8469, 26.5328, 50.8617 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(182, 118, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 188)  
}
```

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(182, 118, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 188) }
```

Border

The CSS property to change the border of an element to XYZ 34.8469, 26.5328, 50.8617 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(182, 118, 188) }
```


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

```
.border{ border-color:rgb(182, 118, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 118, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8469, 26.5328, 50.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 188) }
```

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

```
.background{ background-color: rgb(182,  
118, 188) }
```

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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