

Converting Colors

XYZ(35.6421, 26.1022, 49.9790)

Have a look what the booklet for
XYZ(35.6421, 26.1022, 49.9790)
contains.

XYZ(35.6138, 26.0895, 50.1724)	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(35.6138, 26.0895,
50.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	BC71BB
RGB	188, 113, 187
RGB Percent	74%, 44%, 73%
CMY	0.2627, 0.5568, 0.2667
CMYK	0.00, 0.40, 0.01, 0.26
HSL	301°, 36%, 59%
HSV	301°, 40%, 74%
XYZ	35.6138, 26.0895, 50.1724
YIQ	143.8610, 20.9460, 38.9140

Conversions

Conversions Part 2

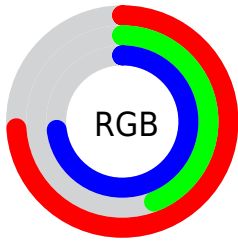
Format	Color
R _{YB}	188, 113, 187
Decimal	12349883
CIE _{Lab}	58.12, 40.97, -26.68
CIE _{LCh}	58, 48.895, 326.929
Yxy	26.0895, 0.3183, 0.2332
Android (android.graphics.Color)	4290539963 (0xFFBC71BB)
YUV	143.8610, 21.2675, 38.7099
Hunter-Lab	51.0779, 35.0719, -22.4844

Details

The XYZ color **35.6138, 26.0895, 50.1724** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.8317, 40.6930, 22.3088**, and the grayscale version is **26.3654, 27.7385, 30.2072**.

A 20% lighter version of the original color is **67.4701, 53.1560, 91.4981**, and **15.6986, 10.1530, 23.6866** is the 20% darker color. If you saturate the color by 10%, you get **33.7031, 22.3105, 49.4034**, and if you desaturate by 10%, it is **37.9607, 30.7397, 51.0876**.

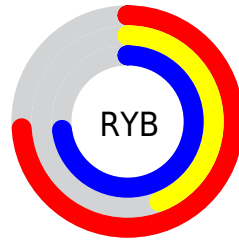
Distribution



Red (74%)

Green (44%)

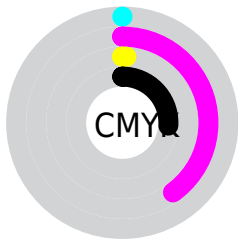
Blue (73%)



Red (74%)

Yellow (44%)

Blue (73%)

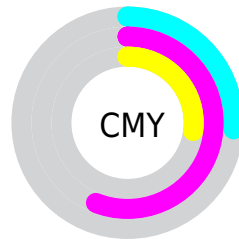


Cyan (0%)

Magenta (40%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6138, 26.0895, 50.1724 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 35.6138, 26.0895, 50.1724 by changing the saturation by 10% instead.

35.6138, 26.0895,
50.1724

35.6138, 26.0895,
50.1724

318.7301,
283.2212, 404.0941

24.3048, 16.8906,
35.1783

67.7633, 53.4193,
91.8292

15.6858, 10.1565,
23.5156

89.3346, 72.3190,
119.3289

9.3916, 5.5029,
14.7658

115.0573, 95.2211,
151.8343

5.0566, 2.5452,
8.5104

145.2968,
122.5099, 189.7638

2.3156, 0.8992,
4.3308

180.4185,
154.5700, 233.5360

0.8026, 0.0000,
1.8085

220.7877,

0.0000, 0.0000,

191.7856, 283.5694

0.4336

266.7698,
234.5412, 340.2826

■ 0.0000, 0.0000,
0.0000

■ 35.6138, 26.0895,
50.1724

■ 35.6138, 26.0895,
50.1724

■ 33.7031, 22.3105,
49.4034

■ 37.9607, 30.7397,
51.0876

■ 32.1990, 19.3451,
48.7699

■ 40.7659, 36.3071,
52.1555

■ 31.0723, 17.1345,
48.2624


■ 44.0532, 42.8385,
53.3843


■ 30.2888, 15.6103,
47.8696


■ 47.8439, 50.3766,
54.7812

■ 29.8083, 14.6918,
47.5779


■ 52.1580, 58.9615,
56.3527

 29.5509, 14.2197,
47.3609

 57.0145, 68.6310,
58.1053

 29.5484, 14.2152,
47.3587

 62.4313, 79.4213,
60.0449

 65.6854, 85.8859,
61.2639

 65.7127, 85.8969,
61.4074

Harmonies

Analogous

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



30.3191, 26.0895, 68.5213



35.6138, 26.0895, 50.1724



37.9919, 26.0895, 30.1898

Triad

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



35.6138, 26.0895, 50.1724



25.4122, 26.0895, 6.7031



15.9688, 26.0895, 45.8805

Complementary

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



35.6138, 26.0895, 50.1724



27.8317, 40.6930, 22.3088

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.



15.0775, 26.0895, 26.6959



35.6138, 26.0895, 50.1724



19.9902, 26.0895, 8.1255

Square

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



35.6138, 26.0895, 50.1724



31.5431, 26.0895, 8.9076



16.4279, 26.0895, 14.0709



19.0891, 26.0895, 65.4275

Rectangle

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



35.6138, 26.0895, 50.1724



37.3614, 26.0895, 19.9310



16.4279, 26.0895, 14.0709



15.4224, 26.0895, 38.9986

Sweetspot

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



35.6147, 26.0907, 50.1729



78.3862, 74.7501, 96.2100



21.7935, 18.9532, 50.0873



16.6848, 15.7332, 20.6255



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.



35.6147, 26.0907, 50.1729



61.4269, 41.1170, 89.6769



32.1906, 24.7210, 32.1419



9.9243, 9.6940, 11.9905



20.1202, 9.6792, 32.2562



0.7899, 0.3799, 1.2729

Inverse Universe

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



35.6147, 26.0907, 50.1729



61.4269, 41.1170, 89.6769



30.3397, 41.6962, 35.5160



9.9243, 9.6940, 11.9905



20.1202, 9.6792, 32.2562



0.7899, 0.3799, 1.2729

Previews

White Background



This preview shows how the XYZ color 35.6138, 26.0895, 50.1724 looks on a white background.

Color Contrast Check

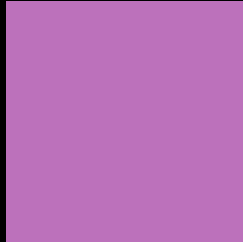
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6138, 26.0895, 50.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

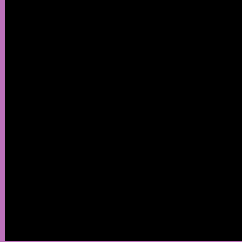
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6138, 26.0895, 50.1724

Background



This preview shows how black text looks on a background with the XYZ color 35.6138, 26.0895, 50.1724.



This preview shows how white text looks on a background with the XYZ color 35.6138, 26.0895,

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

35.6138, 26.0895, 50.1724

Protanopia

27.5652, 26.4151, 62.0383

Deuteranopia

26.8920, 26.3797, 47.9304



Tritanopia

30.5668, 25.9603, 25.9540

Trichromacy



Original Color

35.6138, 26.0895, 50.1724

Protanomaly

29.4868, 25.6637, 57.4323

Deuteranomaly

29.4509, 25.8366, 48.7821

Tritanomaly

32.2334, 25.9232, 33.4418

Monochromacy



Original Color

35.6138, 26.0895, 50.1724

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.2299, 26.7867, 36.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6138, 26.0895, 50.1724 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(188, 113, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 187)  
}
```

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(188, 113, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.6138, 26.0895, 50.1724 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(188, 113, 187) }
```


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

```
.border{ border-color:rgb(188, 113, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 113, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6138, 26.0895, 50.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 187) }
```

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

```
.background{ background-color: rgb(188,  
113, 187) }
```

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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