

Converting Colors

XYZ(35.7440, 26.3238, 50.2810)

Have a look what the booklet for
XYZ(35.7440, 26.3238, 50.2810)
contains.

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Color

**XYZ(35.7260, 26.3138,
50.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	BC72BB
RGB	188, 114, 187
RGB Percent	74%, 45%, 73%
CMY	0.2627, 0.5529, 0.2667
CMYK	0.00, 0.39, 0.01, 0.26
HSL	301°, 36%, 59%
HSV	301°, 39%, 74%
XYZ	35.7260, 26.3138, 50.2098
YIQ	144.4480, 20.6710, 38.3910

Conversions

Conversions Part 2

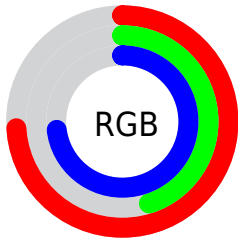
Format	Color
RYB	188, 114, 187
Decimal	12350139
CIELab	58.33, 40.44, -26.35
CIElCh	58, 48.269, 326.908
Yxy	26.3138, 0.3183, 0.2344
Android (android.graphics.Color)	4290540219 (0xFFBC72BB)
YUV	144.4480, 20.9781, 38.1951
Hunter-Lab	51.2970, 34.5474, -22.1255

Details

The XYZ color **35.7260, 26.3138, 50.2098** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.0183, 40.7826, 22.6162**, and the grayscale version is **26.6028, 27.9882, 30.4791**.

A 20% lighter version of the original color is **67.6526, 53.5210, 91.5589**, and **15.7534, 10.2628, 23.7049** is the 20% darker color. If you saturate the color by 10%, you get **33.7925, 22.4897, 49.4314**, and if you desaturate by 10%, it is **38.0971, 31.0118, 51.1349**.

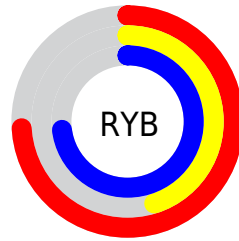
Distribution



Red (74%)

Green (45%)

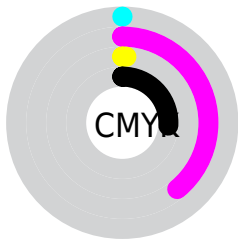
Blue (73%)



Red (74%)

Yellow (45%)

Blue (73%)

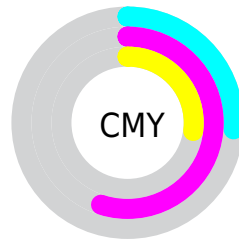


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7260, 26.3138, 50.2098 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 35.7260, 26.3138, 50.2098 by changing the saturation by 10% instead.

35.7260, 26.3138,
50.2098

35.7260, 26.3138,
50.2098

319.2135,
284.3191, 404.2444

24.3918, 17.0585,
35.2078

67.9356, 53.7808,
91.8852

15.7508, 10.2762,
23.5381

89.5417, 72.7612,
119.3956

9.4377, 5.5825,
14.7823

115.3024, 95.7523,
151.9125

5.0872, 2.5929,
8.5219

145.5832,
123.1382, 189.8546

2.3338, 0.9231,
4.3381

180.7493,
155.3035, 233.6402

0.8119, 0.0000,
1.8126

221.1662,

0.0000, 0.0000,

192.6324, 283.6881

0.4363

267.1991,
235.5095, 340.4166

■ 0.0000, 0.0000,
0.0000

■ 35.7260, 26.3138,
50.2098

■ 35.7260, 26.3138,
50.2098

■ 33.7925, 22.4897,
49.4314

■ 38.0971, 31.0118,
51.1349

■ 32.2671, 19.4824,
48.7890

■ 40.9278, 36.6295,
52.2131

■ 31.1208, 17.2331,
48.2731


■ 44.2417, 43.2135,
53.4526


■ 30.3197, 15.6742,
47.8726


■ 48.0600, 50.8064,
54.8605


■ 29.8238, 14.7256,
47.5741


■ 52.4029, 59.4482,
56.4435


 29.5597, 14.2405,
47.3531

 57.2891, 69.1766,
58.2079

 29.5449, 14.2137,
47.3396

 62.7366, 80.0276,
60.1596

 65.6885, 85.8872,
61.2796

 65.7161, 85.8982,
61.4252

Harmonies

Analogous

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



30.4826, 26.3138, 68.2994



35.7260, 26.3138, 50.2098



38.0806, 26.3138, 30.4332

Triad

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



35.7260, 26.3138, 50.2098



25.6252, 26.3138, 6.9588



16.2242, 26.3138, 45.9405

Complementary

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



35.7260, 26.3138, 50.2098



28.0183, 40.7826, 22.6162

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.



15.3362, 26.3138, 26.9403



35.7260, 26.3138, 50.2098



20.2358, 26.3138, 8.3935

Square

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



35.7260, 26.3138, 50.2098



31.7036, 26.3138, 9.1875



16.6854, 26.3138, 14.3618



19.3326, 26.3138, 65.2304

Rectangle

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



35.7260, 26.3138, 50.2098



37.4591, 26.3138, 20.2299



16.6854, 26.3138, 14.3618



15.6795, 26.3138, 39.1351

Sweetspot

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



35.7269, 26.3150, 50.2104



78.3854, 74.7498, 96.2057



22.0350, 19.2441, 50.1309



16.6846, 15.7332, 20.6245



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.



35.7269, 26.3150, 50.2104



61.7496, 41.7596, 89.7931



32.3433, 24.9615, 32.3927



9.9243, 9.6940, 11.9901



20.1177, 9.6783, 32.2433



0.7898, 0.3798, 1.2725

Inverse Universe

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



35.7269, 26.3150, 50.2104



61.7496, 41.7596, 89.7931



30.5096, 41.7792, 35.7355



9.9243, 9.6940, 11.9901



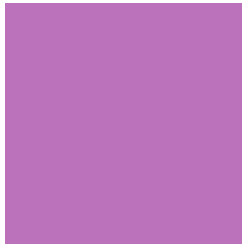
20.1177, 9.6783, 32.2433



0.7898, 0.3798, 1.2725

Previews

White Background



This preview shows how the XYZ color 35.7260, 26.3138, 50.2098 looks on a white background.

Color Contrast Check

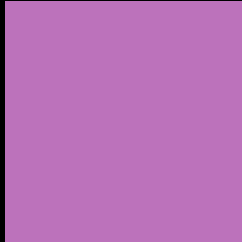
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7260, 26.3138, 50.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

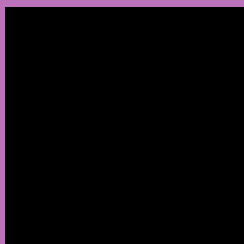
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7260, 26.3138, 50.2098

Background



This preview shows how black text looks on a background with the XYZ color 35.7260, 26.3138, 50.2098.



This preview shows how white text looks on a background with the XYZ color 35.7260, 26.3138,

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

35.7260, 26.3138, 50.2098

Protanopia

27.7003, 26.4847, 62.0446

Deuteranopia

27.1514, 26.5014, 48.4840



Tritanopia

30.7628, 26.2403, 26.3652

Trichromacy



Original Color

35.7260, 26.3138, 50.2098



Protanomaly

29.4868, 25.6637, 57.4323



Deuteranomaly

29.4509, 25.8366, 48.7821



Tritanomaly

32.4373, 26.1982, 33.9190

Monochromacy



Original Color

35.7260, 26.3138, 50.2098



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 35.7260, 26.3138, 50.2098 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, 114, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 114, 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, 114, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 114, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.7260, 26.3138, 50.2098 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, 114, 187) }
```


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

```
.border{ border-color:rgb(188, 114, 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, 114, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 114, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 114, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 114,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7260, 26.3138, 50.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 114, 187) }
```

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

```
.background{ background-color: rgb(188,  
114, 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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