

Converting Colors

XYZ(35.9232, 25.1565, 51.0392)

Have a look what the booklet for
XYZ(35.9232, 25.1565, 51.0392)
contains.

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Color

**XYZ(35.8252, 25.0586,
51.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6ABD
RGB	191, 106, 189
RGB Percent	75%, 42%, 74%
CMY	0.2510, 0.5843, 0.2588
CMYK	0.00, 0.45, 0.01, 0.25
HSL	301°, 40%, 58%
HSV	301°, 45%, 75%
XYZ	35.8252, 25.0586, 51.0927
YIQ	140.8770, 24.0170, 43.8330

Conversions

Conversions Part 2

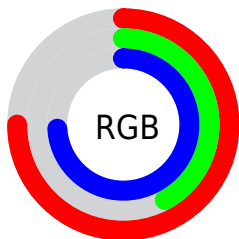
Format	Color
RYB	191, 106, 189
Decimal	12544701
CIELab	57.13, 45.95, -29.33
CIELCh	57, 54.511, 327.454
Yxy	25.0586, 0.3199, 0.2238
Android (android.graphics.Color)	4290734781 (0xFFBF6ABD)
YUV	140.8770, 23.7246, 43.9579
Hunter-Lab	50.0586, 40.1438, -25.4738

Details

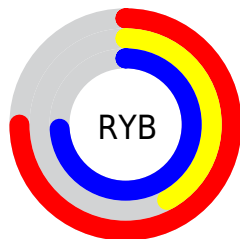
The XYZ color **35.8252, 25.0586, 51.0927** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.2825, 41.4094, 20.7437**, and the grayscale version is **25.1736, 26.4846, 28.8417**.

A 20% lighter version of the original color is **68.2723, 51.9352, 93.6149**, and **15.8457, 9.6218, 23.9437** is the 20% darker color. If you saturate the color by 10%, you get **34.0233, 21.5321, 50.2519**, and if you desaturate by 10%, it is **38.0673, 29.4640, 52.0815**.

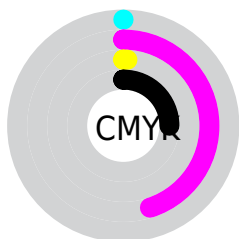
Distribution



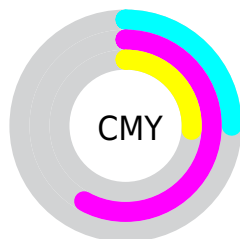
- Red (75%)
- Green (42%)
- Blue (74%)



- Red (75%)
- Yellow (42%)
- Blue (74%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8252, 25.0586, 51.0927 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 35.8252, 25.0586, 51.0927 by changing the saturation by 10% instead.

 35.8252, 25.0586,
51.0927

 35.8252, 25.0586,
51.0927

319.6405,
278.1296, 407.7807


 24.4687, 16.1207,
35.9051


 68.0878, 51.7523,
93.2047


 15.8083, 9.6096,
24.0718


 89.7247, 70.2769,
120.9662

 9.4786, 5.1409,
15.1742


 115.5190, 92.7658,
153.7561

 5.1142, 2.3302,
8.7938

 145.8362,
119.6035, 191.9930

 2.3499, 0.7896,
4.5119

181.0415,
151.1743, 236.0953

 0.8200, 0.0000,
1.9102

221.5005,

 0.0000, 0.0000,

187.8627, 286.4817

0.4992

267.5783,
230.0530, 343.5706

■ 0.0000, 0.0000,
0.0000

■ 35.8252, 25.0586,
51.0927

■ 35.8252, 25.0586,
51.0927

■ 34.0233, 21.5321,
50.2519

■ 38.0673, 29.4640,
52.0815

■ 32.6295, 18.8224,
49.5477

■ 40.7738, 34.7985,
53.2255

■ 31.6117, 16.8643,
48.9695


■ 43.9701, 41.1124,
54.5336


■ 30.9318, 15.5817,
48.5047


■ 47.6790, 48.4514,
56.0133


■ 30.5434, 14.8819,
48.1378


■ 51.9221, 56.8584,
57.6718

 30.4029, 14.6432,
47.9607

 56.7195, 66.3737,
59.5158

 62.0904, 77.0358,
61.5518

 66.8269, 86.4288,
63.3770

 66.8770, 86.4488,
63.6408

Harmonies

Analogous

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



29.9803, 25.0586, 72.2733



35.8252, 25.0586, 51.0927



38.4166, 25.0586, 28.8868

Triad

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



35.8252, 25.0586, 51.0927



24.3705, 25.0586, 5.0028



14.4494, 25.0586, 47.0670

Complementary

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



35.8252, 25.0586, 51.0927



27.2825, 41.4094, 20.7437

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.



13.4833, 25.0586, 25.7427



35.8252, 25.0586, 51.0927



18.5629, 25.0586, 6.3891

Square

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



35.8252, 25.0586, 51.0927



31.1023, 25.0586, 7.0051



14.8463, 25.0586, 12.3317



17.7694, 25.0586, 69.3056

Rectangle

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



35.8252, 25.0586, 51.0927



37.6560, 25.0586, 17.9874



14.8463, 25.0586, 12.3317



13.8678, 25.0586, 39.3343

Sweetspot

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



35.8260, 25.0597, 51.0932



79.5571, 75.2282, 97.9943



20.6728, 17.2227, 51.5256



17.1659, 15.9182, 21.3959



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.8260, 25.0597, 51.0932



61.1254, 38.9351, 90.0922



31.9139, 23.4949, 30.4922



9.9200, 9.6923, 11.9678



19.9846, 9.6250, 31.5421



0.7859, 0.3783, 1.2518

Inverse Universe

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



35.8260, 25.0597, 51.0932



61.1254, 38.9351, 90.0922



30.0740, 42.5260, 35.4435



9.9200, 9.6923, 11.9678



19.9846, 9.6250, 31.5421



0.7859, 0.3783, 1.2518

Previews

White Background



This preview shows how the XYZ color 35.8252, 25.0586, 51.0927 looks on a white background.

Color Contrast Check

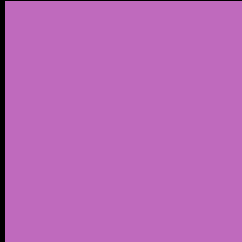
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8252, 25.0586, 51.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

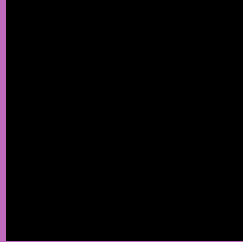
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8252, 25.0586, 51.0927

Background



This preview shows how black text looks on a background with the XYZ color 35.8252, 25.0586, 51.0927.



This preview shows how white text looks on a background with the XYZ color 35.8252, 25.0586,

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

35.8252, 25.0586, 51.0927

Protanopia

27.1046, 25.4470, 66.4340

Deuteranopia

25.7731, 25.1486, 48.8432



Tritanopia

30.2074, 25.0852, 24.0187

Trichromacy



Original Color

35.8252, 25.0586, 51.0927



Protanomaly

28.7542, 24.2639, 60.2946



Deuteranomaly

28.4650, 24.3500, 49.6541



Tritanomaly

31.9663, 24.9349, 32.4063

Monochromacy



Original Color

35.8252, 25.0586, 51.0927



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

28.1888, 25.2779, 35.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8252, 25.0586, 51.0927 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(191, 106, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 106, 189)  
}
```

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(191, 106, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 106, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.8252, 25.0586, 51.0927 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(191, 106, 189) }
```


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

```
.border{ border-color:rgb(191, 106, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 106, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 106, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 106, 189); box-shadow:4px 4px 4px 4px rgb(191, 106, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8252, 25.0586, 51.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 106, 189) }
```

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

```
.background{ background-color: rgb(191,  
106, 189) }
```

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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