

Converting Colors

XYZ(35.3537, 24.5759, 57.0245)

Have a look what the booklet for
XYZ(35.3537, 24.5759, 57.0245)
contains.

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Color

**XYZ(35.3680, 24.5410,
56.9056)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B969C7 |
| RGB | 185, 105, 199 |
| RGB Percent | 73%, 41%, 78% |
| CMY | 0.2745, 0.5882, 0.2196 |
| CMYK | 0.07, 0.47, 0.00, 0.22 |
| HSL | 291°, 46%, 60% |
| HSV | 291°, 47%, 78% |
| XYZ | 35.3680, 24.5410, 56.9056 |
| YIQ | 139.6360, 17.5060, 46.1940 |

Conversions

Conversions Part 2

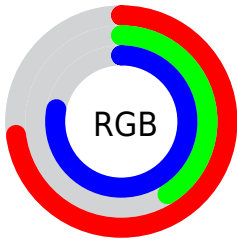
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 105, 199 |
| Decimal | 12151239 |
| CIELab | 56.63, 46.59, -35.88 |
| CIELCh | 57, 58.810, 322.399 |
| Yxy | 24.5410, 0.3028, 0.2101 |
| Android (android.graphics.Color) | 4290341319 (0xFFB969C7) |
| YUV | 139.6360, 29.2665, 39.7842 |
| Hunter-Lab | 49.5389, 40.7460, -33.4296 |

Details

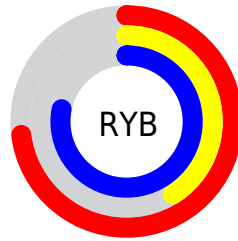
The XYZ color **35.3680, 24.5410, 56.9056** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.5818, 45.7893, 20.5921**, and the grayscale version is **24.6725, 25.9574, 28.2676**.

A 20% lighter version of the original color is **67.4103, 51.0710, 100.9125**, and **15.5899, 9.3364, 27.7685** is the 20% darker color. If you saturate the color by 10%, you get **32.8660, 20.5867, 56.2746**, and if you desaturate by 10%, it is **38.3609, 29.4535, 57.6964**.

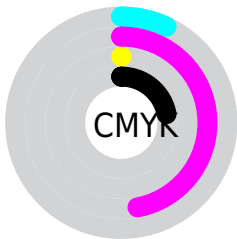
Distribution



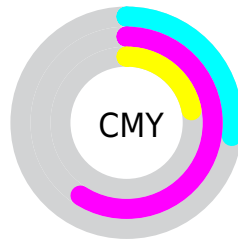
- Red (73%)
- Green (41%)
- Blue (78%)



- Red (73%)
- Yellow (41%)
- Blue (78%)



- Cyan (7%)
- Magenta (47%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (59%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3680, 24.5410, 56.9056 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 35.3680, 24.5410, 56.9056 by changing the saturation by 10% instead.

35.3680, 24.5410,
56.9056

35.3680, 24.5410,
56.9056

317.6693,
275.5443, 430.5793

24.1143, 15.7354,
40.5206

67.3857, 50.9116,
101.8264

15.5436, 9.3371,
27.6278

88.8805, 69.2454,
131.1993

9.2906, 4.9617,
17.8087

114.5197, 91.5241,
165.7385

4.9898, 2.2248,
10.6447

144.6687,
118.1320, 205.8627

2.2760, 0.7335,
5.7173

179.6928,
149.4536, 251.9903

0.7823, 0.0000,
2.6080

219.9573,

0.0000, 0.0000,

185.8733, 304.5399

0.8966

265.8277,
227.7754, 363.9301

■ 0.0000, 0.0000,
0.0000

■ 35.3680, 24.5410,
56.9056

■ 35.3680, 24.5410,
56.9056

■ 32.8660, 20.5867,
56.2746

■ 38.3609, 29.4535,
57.6964

■ 30.8185, 17.5202,
55.7906

■ 41.8724, 35.3818,
58.6556

■ 29.1884, 15.2666,
55.4415

■ 45.9314, 42.3825,
59.7930

■ 27.9313, 13.7372,
55.2126

■ 50.5636, 50.5072,
61.1170

■ 26.9858, 12.8095,
55.0834

■ 55.7933, 59.8041,
62.6359

■ 26.7491, 12.5988,
55.0552

■ 61.6432, 70.3188,
64.3571

■ 68.1349, 82.0941,
66.2878

■ 72.2818, 89.1568,
67.4325

■ 73.1267, 89.5924,
67.4721

Harmonies

Analogous

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



28.7019, 24.5410, 78.8332



35.3680, 24.5410, 56.9056



38.9332, 24.5410, 32.0171

Triad

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



35.3680, 24.5410, 56.9056



25.1080, 24.5410, 4.0795



13.1600, 24.5410, 43.7879

Complementary

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



35.3680, 24.5410, 56.9056



30.5818, 45.7893, 20.5921

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.



12.5707, 24.5410, 22.0437



35.3680, 24.5410, 56.9056



18.6662, 24.5410, 4.8392

Square

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



35.3680, 24.5410, 56.9056



32.3014, 24.5410, 6.6148



14.3834, 24.5410, 9.7029



16.1885, 24.5410, 69.0259

Rectangle

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



35.3680, 24.5410, 56.9056



38.6650, 24.5410, 19.4250



14.3834, 24.5410, 9.7029



12.6977, 24.5410, 35.6474

Sweetspot

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



35.3689, 24.5421, 56.9061



82.7708, 78.3052, 105.3597



22.7442, 20.3454, 56.7615



17.3510, 16.1228, 22.4475



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.3689, 24.5421, 56.9061



57.3079, 35.6796, 98.4741



35.4976, 25.0031, 39.0806



10.9219, 10.7335, 13.4136



17.2587, 8.1314, 35.4042



0.8605, 0.4074, 1.6784

Inverse Universe

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



31.9353, 23.5782, 20.3216



50.8951, 33.9832, 25.4554



30.8302, 45.6828, 31.2007



10.6972, 10.6623, 11.3886



15.3133, 7.8749, 1.5938



0.7463, 0.3813, 0.1870

Previews

White Background



This preview shows how the XYZ color 35.3680, 24.5410, 56.9056 looks on a white background.

Color Contrast Check

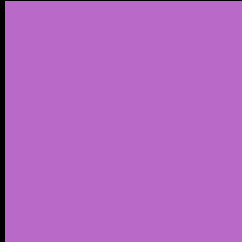
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3680, 24.5410, 56.9056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

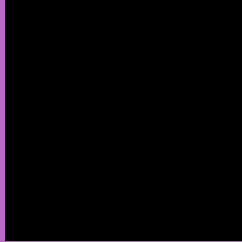
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3680, 24.5410, 56.9056

Background



This preview shows how black text looks on a background with the XYZ color 35.3680, 24.5410, 56.9056.



This preview shows how white text looks on a background with the XYZ color 35.3680, 24.5410,

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

35.3680, 24.5410, 56.9056

Protanopia

26.9623, 24.8121, 73.1802

Deuteranopia

25.3598, 24.8230, 53.9068



Tritanopia

28.7711, 24.5166, 24.3349

Trichromacy



Original Color

35.3680, 24.5410, 56.9056



Protanomaly

28.5806, 23.8463, 66.7148



Deuteranomaly

27.8732, 23.9309, 54.7798



Tritanomaly

30.6375, 24.2117, 34.0689

Monochromacy



Original Color

35.3680, 24.5410, 56.9056



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

27.7327, 24.8199, 37.0473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3680, 24.5410, 56.9056 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, 105, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 105, 199)  
}
```

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, 105, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 105, 199) }
```

Border

The CSS property to change the border of an element to XYZ 35.3680, 24.5410, 56.9056 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, 105, 199) }
```


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

```
.border{ border-color:rgb(185, 105, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 105, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 105, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 105, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 105,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3680, 24.5410, 56.9056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 105, 199) }
```

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

```
.background{ background-color: rgb(185,  
105, 199) }
```

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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