

Converting Colors

XYZ(34.3660, 25.6766, 39.7040)

Have a look what the booklet for
XYZ(34.3660, 25.6766, 39.7040)
contains.

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Color

**XYZ(34.3660, 25.6766,
39.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	BF71A7
RGB	191, 113, 167
RGB Percent	75%, 44%, 65%
CMY	0.2510, 0.5568, 0.3451
CMYK	0.00, 0.41, 0.13, 0.25
HSL	318°, 38%, 60%
HSV	318°, 41%, 75%
XYZ	34.3660, 25.6766, 39.7040
YIQ	142.4780, 29.1540, 33.3300

Conversions

Conversions Part 2

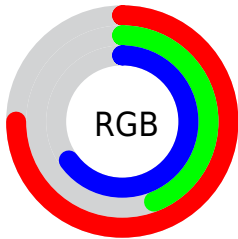
Format	Color
RYB	191, 113, 167
Decimal	12546471
CIELab	57.73, 38.41, -15.77
CIElCh	58, 41.519, 337.682
Yxy	25.6766, 0.3445, 0.2574
Android (android.graphics.Color)	4290736551 (0xFFBF71A7)
YUV	142.4780, 12.0893, 42.5538
Hunter-Lab	50.6721, 32.3832, -10.9861

Details

The XYZ color **34.3660, 25.6766, 39.7040** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **29.9573, 42.5792, 30.3084**, and the grayscale version is **25.8467, 27.1927, 29.6129**.

A 20% lighter version of the original color is **65.8880, 52.6861, 75.8040**, and **14.9705, 9.9173, 17.3449** is the 20% darker color. If you saturate the color by 10%, you get **31.9242, 21.6425, 36.2701**, and if you desaturate by 10%, it is **37.2825, 30.6198, 43.4185**.

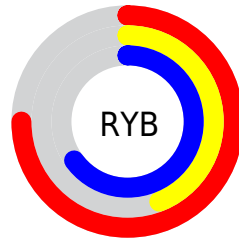
Distribution



Red (75%)

Green (44%)

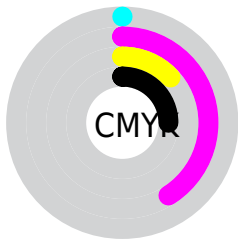
Blue (65%)



Red (75%)

Yellow (44%)

Blue (65%)

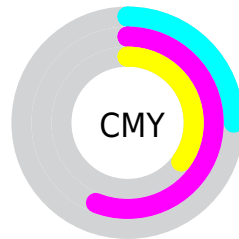


Cyan (0%)

Magenta (41%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3660, 25.6766, 39.7040 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 34.3660, 25.6766, 39.7040 by changing the saturation by 10% instead.

■ 34.3660, 25.6766,
39.7040

■ 34.3660, 25.6766,
39.7040

313.3182,
281.1909, 360.3893

■ 23.3391, 16.5819,
26.9958

■ 65.8429, 52.7528,
75.9447

■ 14.9662, 9.9368,
17.3377

■ 87.0237, 71.5030,
100.3143

■ 8.8818, 5.3571,
10.3110

■ 112.3199, 94.2405,
129.4081

■ 4.7207, 2.4583,
5.4974

■ 142.0967,
121.3496, 163.6447

■ 2.1174, 0.8556,
2.4781

176.7196,
153.2149, 203.4426

■ 0.6986, 0.0000,
0.8285

216.5539,

■ 0.0000, 0.0000,

190.2205, 249.2203

0.0000

261.9650,
232.7511, 301.3963

■ 34.3660, 25.6766,
39.7040

■ 34.3660, 25.6766,
39.7040

■ 31.9242, 21.6425,
36.2701

■ 37.2825, 30.6198,
43.4185

■ 29.9260, 18.4570,
33.1041

■ 40.6976, 36.5204,
47.4223

■ 28.3402, 16.0580,
30.1942

■ 44.6362, 43.4276,
51.7255

■ 27.1306, 14.3732,
27.5267

■ 49.1209, 51.3861,
56.3373

■ 26.2540, 13.3170,
25.0854

■ 54.1731, 60.4380,
61.2662

■ 25.6665, 12.7487,
23.0197

■ 59.8129, 70.6230,
66.5204

■ 66.0593, 81.9788,
72.1075

■ 69.3860, 87.4524,
76.8538

■ 70.1505, 87.7582,
80.8796

Harmonies

Analogous

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



30.7312, 25.6766, 55.7245



34.3660, 25.6766, 39.7040



35.1645, 25.6766, 24.4532

Triad

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



34.3660, 25.6766, 39.7040



23.1485, 25.6766, 8.6486



17.5905, 25.6766, 48.2684

Complementary

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



34.3660, 25.6766, 39.7040



29.9573, 42.5792, 30.3084

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.



16.0999, 25.6766, 31.7814



34.3660, 25.6766, 39.7040



19.0124, 25.6766, 11.3986

Square

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



34.3660, 25.6766, 39.7040



28.2204, 25.6766, 9.5014



16.5826, 25.6766, 18.7915



20.9497, 25.6766, 61.7275

Rectangle

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



34.3660, 25.6766, 39.7040



33.8930, 25.6766, 17.0646



16.5826, 25.6766, 18.7915



16.8766, 25.6766, 42.7122

Sweetspot

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



34.3668, 25.6778, 39.7045



78.9312, 75.9944, 91.5641



25.5287, 20.8410, 51.9678



17.1196, 16.3127, 19.8783



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.



34.3668, 25.6778, 39.7045



57.6009, 39.4535, 65.5883



31.3278, 24.4622, 23.7016



9.8015, 9.6449, 11.3439



16.9049, 8.3931, 15.3248



0.6902, 0.3400, 0.7477

Inverse Universe

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



34.3668, 25.6778, 39.7045



57.6009, 39.4535, 65.5883



33.2190, 43.8839, 47.4841



9.8015, 9.6449, 11.3439



16.9049, 8.3931, 15.3248



0.6902, 0.3400, 0.7477

Previews

White Background



This preview shows how the XYZ color 34.3660, 25.6766, 39.7040 looks on a white background.

Color Contrast Check

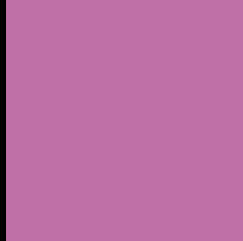
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3660, 25.6766, 39.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

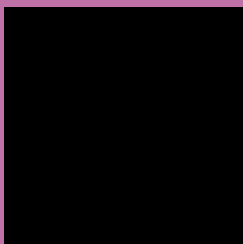
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3660, 25.6766, 39.7040

Background



This preview shows how black text looks on a background with the XYZ color 34.3660, 25.6766, 39.7040.



This preview shows how white text looks on a background with the XYZ color 34.3660, 25.6766,

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

34.3660, 25.6766, 39.7040

Protanopia

26.2016, 25.7876, 48.9439

Deuteranopia

26.3995, 25.9154, 38.2611



Tritanopia

31.2393, 25.6094, 24.4157

Trichromacy



Original Color

34.3660, 25.6766, 39.7040

Protanomaly

28.3327, 25.1367, 45.4781

Deuteranomaly

28.7181, 25.4896, 38.5283

Tritanomaly

32.0583, 25.3971, 29.1991

Monochromacy



Original Color

34.3660, 25.6766, 39.7040

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.1994, 25.9405, 32.7989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3660, 25.6766, 39.7040 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, 113, 167)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 167)  
}
```

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, 113, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.3660, 25.6766, 39.7040 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, 113, 167) }
```


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

```
.border{ border-color:rgb(191, 113, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 113, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 167);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3660, 25.6766, 39.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 113, 167) }
```

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

```
.background{ background-color: rgb(191,  
113, 167) }
```

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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