

Converting Colors

XYZ(35.8685, 25.9610, 40.3574)

Have a look what the booklet for
XYZ(35.8685, 25.9610, 40.3574)
contains.

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Color

**XYZ(35.9325, 25.9848,
40.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	C66EA8
RGB	198, 110, 168
RGB Percent	78%, 43%, 66%
CMY	0.2235, 0.5686, 0.3412
CMYK	0.00, 0.44, 0.15, 0.22
HSL	320°, 44%, 60%
HSV	320°, 44%, 78%
XYZ	35.9325, 25.9848, 40.1675
YIQ	142.9240, 33.8300, 36.6940

Conversions

Conversions Part 2

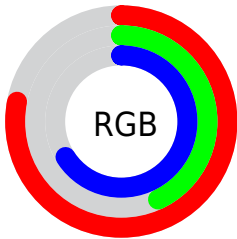
Format	Color
R _Y B	198, 110, 168
Decimal	13004456
CIE Lab	58.02, 42.47, -15.81
CIE LCh	58, 45.323, 339.579
Yxy	25.9848, 0.3520, 0.2545
Android (android.graphics.Color)	4291194536 (0xFFC66EA8)
YUV	142.9240, 12.3625, 48.3017
Hunter-Lab	50.9753, 36.6180, -11.0366

Details

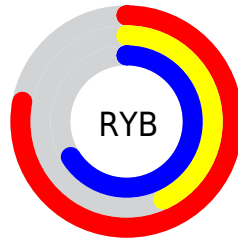
The XYZ color **35.9325, 25.9848, 40.1675** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.3593, 45.5974, 31.9613**, and the grayscale version is **26.0217, 27.3769, 29.8134**.

A 20% lighter version of the original color is **67.8347, 53.1386, 76.4935**, and **15.8208, 10.0378, 17.6266** is the 20% darker color. If you saturate the color by 10%, you get **33.4175, 21.9349, 36.3066**, and if you desaturate by 10%, it is **38.9590, 31.0047, 44.3605**.

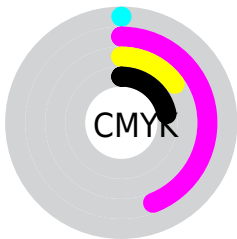
Distribution



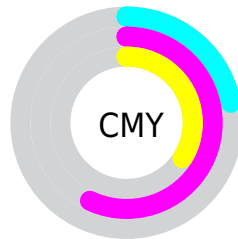
- Red (78%)
- Green (43%)
- Blue (66%)



- Red (78%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (22%)




- Cyan (22%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9325, 25.9848, 40.1675 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 35.9325, 25.9848, 40.1675 by changing the saturation by 10% instead.


 35.9325, 25.9848,
40.1675


 35.9325, 25.9848,
40.1675


320.1018,
282.7075, 362.4021


 24.5519, 16.8123,
27.3544


 68.2524, 53.2504,
76.6584


 15.8705, 10.1007,
17.6048


 89.9225, 72.1123,
101.1732

 9.5228, 5.4658,
10.5001


 115.7531, 94.9728,
130.4257

 5.1436, 2.5231,
5.6219

 146.1096,
122.2162, 164.8345

 2.3674, 0.8882,
2.5515

181.3574,
154.2270, 204.8179

 0.8288, 0.0000,
0.8673

221.8618,

 0.0000, 0.0000,

191.3895, 250.7946

0.0000

267.9881,
234.0882, 303.1832

■ 35.9325, 25.9848,
40.1675

■ 35.9325, 25.9848,
40.1675

■ 33.4175, 21.9349,
36.3066

■ 38.9590, 31.0047,
44.3605

■ 31.3789, 18.7868,
32.7630

■ 42.5244, 37.0496,
48.8963

■ 29.7810, 16.4693,
29.5224

■ 46.6566, 44.1746,
53.7868

■ 28.5814, 14.8987,
26.5683

■ 51.3812, 52.4297,
59.0429

■ 27.7290, 13.9735,
23.8810

■ 56.7221, 61.8621,
64.6746

■ 27.3516, 13.6309,
22.4839

■ 62.7016, 72.5158,
70.6916

■ 69.3411, 84.4330,
77.1032

■ 72.2341, 88.8000,
82.4427

■ 73.1574, 89.1692,
87.3043

Harmonies

Analogous

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



32.0288, 25.9848, 58.4646



35.9325, 25.9848, 40.1675



36.5975, 25.9848, 23.5679

Triad

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



35.9325, 25.9848, 40.1675



22.9875, 25.9848, 7.7638



17.4414, 25.9848, 52.1710

Complementary

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



35.9325, 25.9848, 40.1675



31.3593, 45.5974, 31.9613

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.



15.7054, 25.9848, 33.6110



35.9325, 25.9848, 40.1675



18.5806, 25.9848, 10.8394

Square

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



35.9325, 25.9848, 40.1675



28.5552, 25.9848, 8.4031



16.0891, 25.9848, 19.0250



21.2044, 25.9848, 66.9851

Rectangle

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



35.9325, 25.9848, 40.1675



35.0284, 25.9848, 15.8700



16.0891, 25.9848, 19.0250



16.6287, 25.9848, 45.9325

Sweetspot

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



35.9333, 25.9860, 40.1680



83.6048, 79.9362, 96.3708



26.4734, 20.7483, 56.0359



17.5185, 16.4561, 20.1963



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.



35.9333, 25.9860, 40.1680



59.4376, 39.2566, 64.7167



32.5460, 24.6311, 22.3310



10.9235, 10.7528, 12.5805



17.8287, 8.8810, 14.8397



0.8771, 0.4337, 0.8762

Inverse Universe

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



35.9333, 25.9860, 40.1680



59.4376, 39.2566, 64.7167



35.2074, 47.1366, 52.2253



10.9235, 10.7528, 12.5805



17.8287, 8.8810, 14.8397



0.8771, 0.4337, 0.8762

Previews

White Background



This preview shows how the XYZ color 35.9325, 25.9848, 40.1675 looks on a white background.

Color Contrast Check

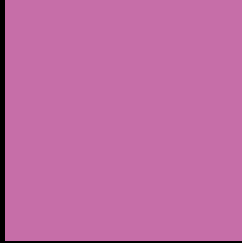
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9325, 25.9848, 40.1675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

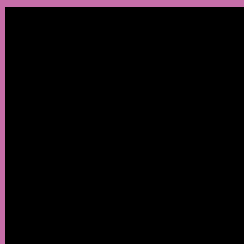
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9325, 25.9848, 40.1675

Background



This preview shows how black text looks on a background with the XYZ color 35.9325, 25.9848, 40.1675.



This preview shows how white text looks on a background with the XYZ color 35.9325, 25.9848,

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

35.9325, 25.9848, 40.1675

Protanopia

26.7698, 26.2434, 51.2315

Deuteranopia

26.7118, 26.2864, 38.3163



Tritanopia

32.5573, 25.9585, 23.3732

Trichromacy



Original Color

35.9325, 25.9848, 40.1675

Protanomaly

29.0086, 25.4499, 47.0995

Deuteranomaly

29.2812, 25.5767, 38.9908

Tritanomaly

33.5189, 25.8166, 28.8076

Monochromacy



Original Color

35.9325, 25.9848, 40.1675

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.8881, 26.2861, 33.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9325, 25.9848, 40.1675 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(198, 110, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 110, 168)  
}
```

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(198, 110, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 110, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.9325, 25.9848, 40.1675 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(198, 110, 168) }
```


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

```
.border{ border-color:rgb(198, 110, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 110, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 110, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 110, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 110,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9325, 25.9848, 40.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 110, 168) }
```

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

```
.background{ background-color: rgb(198,  
110, 168) }
```

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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