

Converting Colors

XYZ(35.2368, 25.2487, 38.0627)

Have a look what the booklet for
XYZ(35.2368, 25.2487, 38.0627)
contains.

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Color

**XYZ(35.2472, 25.2015,
38.1286)**

Conversions

Conversions Part 1

Format	Color
Hex	C66BA4
RGB	198, 107, 164
RGB Percent	78%, 42%, 64%
CMY	0.2235, 0.5804, 0.3569
CMYK	0.00, 0.46, 0.17, 0.22
HSL	322°, 44%, 60%
HSV	322°, 46%, 78%
XYZ	35.2472, 25.2015, 38.1286
YIQ	140.7070, 35.9390, 37.0190

Conversions

Conversions Part 2

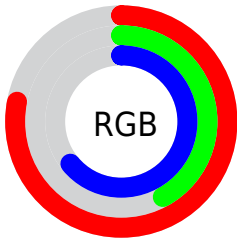
Format	Color
R _{YB}	198, 107, 164
Decimal	13003684
CIE Lab	57.27, 43.40, -14.64
CIE LCh	57, 45.803, 341.359
Yxy	25.2015, 0.3576, 0.2557
Android (android.graphics.Color)	4291193764 (0xFFC66BA4)
YUV	140.7070, 11.4834, 50.2460
Hunter-Lab	50.2011, 37.4765, -9.8910

Details

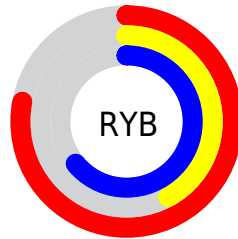
The XYZ color **35.2472, 25.2015, 38.1286** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.0663, 45.4377, 32.3343**, and the grayscale version is **25.1502, 26.4600, 28.8149**.

A 20% lighter version of the original color is **66.7711, 51.8642, 73.5094**, and **15.4461, 9.6530, 16.3783** is the 20% darker color. If you saturate the color by 10%, you get **32.7656, 21.2763, 34.1004**, and if you desaturate by 10%, it is **38.2418, 30.0899, 42.5200**.

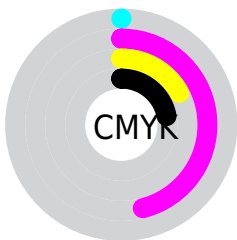
Distribution



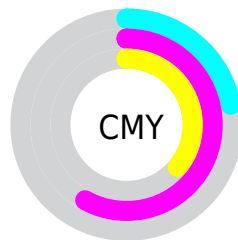
- Red (78%)
- Green (42%)
- Blue (64%)



- Red (78%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (22%)




- Cyan (22%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2472, 25.2015, 38.1286 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 35.2472, 25.2015, 38.1286 by changing the saturation by 10% instead.

 35.2472, 25.2015,
38.1286


 35.2472, 25.2015,
38.1286


317.1470,
278.8399, 353.4860


 24.0208, 16.2272,
25.7799


 67.2000, 51.9839,
73.5108


 15.4738, 9.6851,
16.4348


 88.6572, 70.5609,
97.3814

 9.2411, 5.1907,
9.6747


 114.2552, 93.1075,
125.9297

 4.9571, 2.3596,
5.0810

 144.3596,
120.0083, 159.5743

 2.2566, 0.8050,
2.2353

179.3356,
151.6475, 198.7337

 0.7723, 0.0000,
0.6946

219.5486,

 0.0000, 0.0000,

188.4096, 243.8264

0.0000

265.3640,
230.6789, 295.2710

■ 35.2472, 25.2015,
38.1286

■ 35.2472, 25.2015,
38.1286

■ 32.7656, 21.2763,
34.1004

■ 38.2418, 30.0899,
42.5200

■ 30.7613, 18.2450,
30.4197

■ 41.7774, 35.9972,
47.2865

■ 29.1976, 16.0348,
27.0711

■ 45.8826, 42.9794,
52.4408

■ 28.0311, 14.5598,
24.0366

■ 50.5830, 51.0871,
57.9946

■ 27.2071, 13.7122,
21.2948

■ 55.9031, 60.3678,
63.9588

■ 26.9281, 13.4615,
20.2541

■ 61.8655, 70.8662,
70.3441

■ 68.4920, 82.6246,
77.1603

■ 72.3932, 88.8636,
83.2805

■ 73.4139, 89.2719,
88.6556

Harmonies

Analogous

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



31.5205, 25.2015, 56.4920



35.2472, 25.2015, 38.1286



35.6923, 25.2015, 21.9716

Triad

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



35.2472, 25.2015, 38.1286



21.9588, 25.2015, 7.3473



16.9516, 25.2015, 52.2640

Complementary

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



35.2472, 25.2015, 38.1286



31.0663, 45.4377, 32.3343

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.



15.1198, 25.2015, 33.7483



35.2472, 25.2015, 38.1286



17.7058, 25.2015, 10.5813

Square

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



35.2472, 25.2015, 38.1286



27.4412, 25.2015, 7.7625



15.3733, 25.2015, 18.9629



20.7742, 25.2015, 66.5491

Rectangle

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



35.2472, 25.2015, 38.1286



34.0001, 25.2015, 14.6544



15.3733, 25.2015, 18.9629



16.1107, 25.2015, 46.0870

Sweetspot

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



35.2480, 25.2027, 38.1291



82.6260, 78.4702, 94.5290



26.3291, 20.2014, 55.9379



17.3170, 16.1641, 19.7867



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.



35.2480, 25.2027, 38.1291



58.0737, 37.7571, 60.4751



31.8851, 23.8576, 20.4207



10.9085, 10.7468, 12.5017



17.5545, 8.7714, 13.3958



0.8655, 0.4290, 0.8146

Inverse Universe

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



35.2480, 25.2027, 38.1291



58.0737, 37.7571, 60.4751



35.1071, 47.0540, 53.6127



10.9085, 10.7468, 12.5017



17.5545, 8.7714, 13.3958



0.8655, 0.4290, 0.8146

Previews

White Background



This preview shows how the XYZ color 35.2472, 25.2015, 38.1286 looks on a white background.

Color Contrast Check

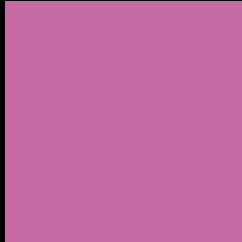
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2472, 25.2015, 38.1286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

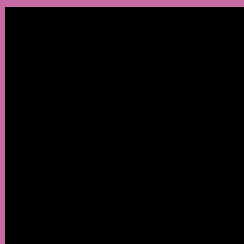
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2472, 25.2015, 38.1286

Background



This preview shows how black text looks on a background with the XYZ color 35.2472, 25.2015, 38.1286.



This preview shows how white text looks on a background with the XYZ color 35.2472, 25.2015,

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

35.2472, 25.2015, 38.1286

Protanopia

25.8733, 25.3962, 49.4372

Deuteranopia

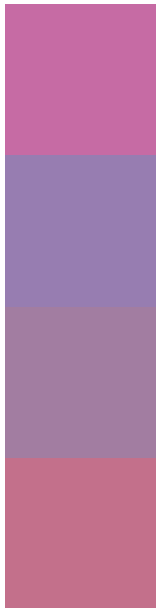
25.9065, 25.4939, 36.3563



Tritanopia

32.0170, 25.1860, 22.2427

Trichromacy



Original Color

35.2472, 25.2015, 38.1286

Protanomaly

28.0319, 24.4209, 44.8312

Deuteranomaly

28.6669, 24.9218, 37.0177

Tritanomaly

32.9600, 25.0545, 27.5249

Monochromacy



Original Color

35.2472, 25.2015, 38.1286

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.1754, 25.5518, 31.8808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2472, 25.2015, 38.1286 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, 107, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 107, 164)  
}
```

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, 107, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 107, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.2472, 25.2015, 38.1286 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, 107, 164) }
```


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

```
.border{ border-color:rgb(198, 107, 164) }
```

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

Here you see how a box with a 4 pixel rgb(198, 107, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 107, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 107, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 107,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2472, 25.2015, 38.1286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 107, 164) }
```

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

```
.background{ background-color: rgb(198,  
107, 164) }
```

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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