

Converting Colors

XYZ(34.4983, 25.9667, 38.6662)

Have a look what the booklet for
XYZ(34.4983, 25.9667, 38.6662)
contains.

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Color

**XYZ(34.5471, 25.9577,
38.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	C072A5
RGB	192, 114, 165
RGB Percent	75%, 45%, 65%
CMY	0.2471, 0.5529, 0.3529
CMYK	0.00, 0.41, 0.14, 0.25
HSL	321°, 38%, 60%
HSV	321°, 41%, 75%
XYZ	34.5471, 25.9577, 38.7868
YIQ	143.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

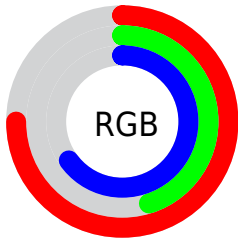
Format	Color
R _{YB}	192, 114, 165
Decimal	12612261
CIE _{Lab}	58.00, 37.88, -14.20
CIE _{LCh}	58, 40.450, 339.455
Y _{xy}	25.9577, 0.3479, 0.2614
Android (android.graphics.Color)	4290802341 (0xFFC072A5)
YUV	143.1360, 10.7790, 42.8537
Hunter-Lab	50.9487, 31.8764, -9.4729

Details

The XYZ color **34.5471, 25.9577, 38.7868** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.5980, 43.2006, 31.9271**, and the grayscale version is **26.1133, 27.4732, 29.9184**.

A 20% lighter version of the original color is **66.1613, 53.1287, 74.4779**, and **15.0747, 10.0656, 16.7711** is the 20% darker color. If you saturate the color by 10%, you get **32.0152, 21.8367, 35.0353**, and if you desaturate by 10%, it is **37.5666, 31.0028, 42.8565**.

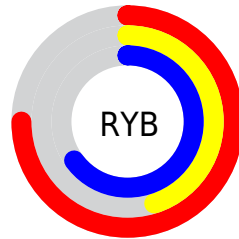
Distribution



Red (75%)

Green (45%)

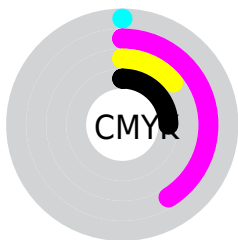
Blue (65%)



Red (75%)

Yellow (45%)

Blue (65%)

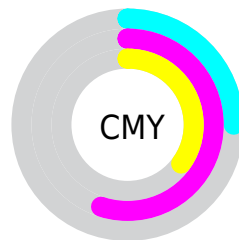


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5471, 25.9577, 38.7868 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 34.5471, 25.9577, 38.7868 by changing the saturation by 10% instead.


 34.5471, 25.9577,
38.7868


 34.5471, 25.9577,
38.7868

314.1079,
282.5744, 356.3821


 23.4791, 16.7920,
26.2874


 66.1222, 53.2067,
74.5293


 15.0703, 10.0863,
16.8110


 87.3600, 72.0588,
98.6094

 8.9554, 5.4562,
9.9393


 112.7185, 94.9085,
127.3867

 4.7690, 2.5173,
5.2537

 142.5629,
122.1401, 161.2800

 2.1457, 0.8853,
2.3355

177.2587,
154.1381, 200.7076

 0.7139, 0.0000,
0.7510

217.1713,

 0.0000, 0.0000,

191.2869, 246.0881

0.0000

262.6659,
233.9709, 297.8401

■ 34.5471, 25.9577,
38.7868

■ 34.5471, 25.9577,
38.7868

■ 32.0152, 21.8367,
35.0353

■ 37.5666, 31.0028,
42.8565

■ 29.9393, 18.5786,
31.5884

■ 41.0979, 37.0209,
47.2540

■ 28.2878, 16.1205,
28.4334


■ 45.1666, 44.0617,
51.9902


■ 27.0239, 14.3895,
25.5555


■ 49.7955, 52.1707,
57.0750


■ 26.1038, 13.2989,
22.9377


■ 55.0063, 61.3903,
62.5178

 25.4744, 12.7010,
20.6907

 60.8196, 71.7608,
68.3274

 67.2546, 83.3205,
74.5125

 70.1760, 87.7976,
79.6965

 71.0645, 88.1530,
84.3750

Harmonies

Analogous

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



31.1308, 25.9577, 54.5171



34.5471, 25.9577, 38.7868



35.1381, 25.9577, 24.0733

Triad

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



34.5471, 25.9577, 38.7868



23.1619, 25.9577, 9.1742



18.1107, 25.9577, 49.0205

Complementary

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



34.5471, 25.9577, 38.7868



30.5980, 43.2006, 31.9271

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.



16.5226, 25.9577, 32.9138



34.5471, 25.9577, 38.7868



19.1747, 25.9577, 12.1730

Square

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



34.5471, 25.9577, 38.7868



28.1151, 25.9577, 9.8241



16.8847, 25.9577, 19.8398



21.5222, 25.9577, 61.6506

Rectangle

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



34.5471, 25.9577, 38.7868



33.7815, 25.9577, 16.9978



16.8847, 25.9577, 19.8398



17.3678, 25.9577, 43.6514

Sweetspot

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



34.5479, 25.9589, 38.7873



80.6154, 77.7085, 92.8142



26.3482, 21.4172, 52.6149



17.0791, 16.2965, 19.6649



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.



34.5479, 25.9589, 38.7873



58.3610, 40.1305, 64.0294



31.5873, 24.7747, 23.1972



10.3444, 10.1864, 11.9040



17.1792, 8.5614, 14.1217



0.7737, 0.3825, 0.7757

Inverse Universe

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



34.5479, 25.9589, 38.7873



58.3610, 40.1305, 64.0294



33.9267, 44.5321, 49.4561



10.3444, 10.1864, 11.9040



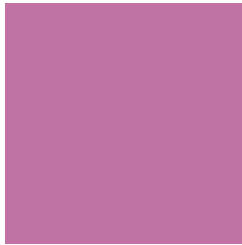
17.1792, 8.5614, 14.1217



0.7737, 0.3825, 0.7757

Previews

White Background



This preview shows how the XYZ color 34.5471, 25.9577, 38.7868 looks on a white background.

Color Contrast Check

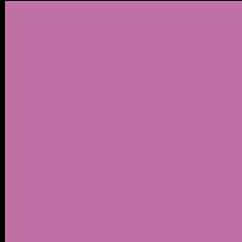
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5471, 25.9577, 38.7868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

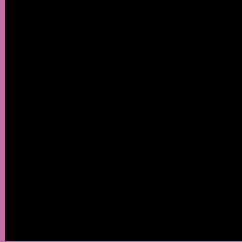
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5471, 25.9577, 38.7868

Background



This preview shows how black text looks on a background with the XYZ color 34.5471, 25.9577, 38.7868.



This preview shows how white text looks on a background with the XYZ color 34.5471, 25.9577,

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

34.5471, 25.9577, 38.7868

Protanopia

26.4341, 26.1436, 47.9090

Deuteranopia

26.5649, 26.0212, 37.3407



Tritanopia

31.6057, 25.9778, 24.4675

Trichromacy



Original Color

34.5471, 25.9577, 38.7868



Protanomaly

28.4492, 25.4144, 44.4803



Deuteranomaly

28.9387, 25.6240, 37.6031



Tritanomaly

32.4226, 25.7589, 29.2497

Monochromacy



Original Color

34.5471, 25.9577, 38.7868



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

28.5351, 26.3140, 32.8533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5471, 25.9577, 38.7868 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(192, 114, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 165)  
}
```

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(192, 114, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.5471, 25.9577, 38.7868 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(192, 114, 165) }
```


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

```
.border{ border-color:rgb(192, 114, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5471, 25.9577, 38.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 165) }
```

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

```
.background{ background-color: rgb(192,  
114, 165) }
```

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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