

Converting Colors

XYZ(34.1383, 25.5641, 24.6078)

Have a look what the booklet for
XYZ(34.1383, 25.5641, 24.6078)
contains.

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Color

**XYZ(34.1383, 25.5641,
24.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6F83
RGB	202, 111, 131
RGB Percent	79%, 44%, 51%
CMY	0.2078, 0.5647, 0.4863
CMYK	0.00, 0.45, 0.35, 0.21
HSL	347°, 46%, 61%
HSV	347°, 45%, 79%
XYZ	34.1383, 25.5641, 24.6078
YIQ	140.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

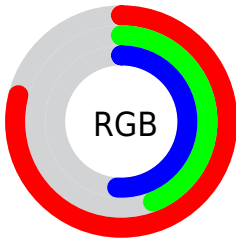
Format	Color
R_{YB}	202, 111, 131
Decimal	13266819
CIE _{Lab}	57.62, 38.08, 5.11
CIE _{LCh}	58, 38.426, 7.639
Yxy	25.5641, 0.4049, 0.3032
Android (android.graphics.Color)	4291456899 (0xFFCA6F83)
YUV	140.4890, -4.6781, 53.9451
Hunter-Lab	50.5610, 32.0399, 6.5365

Details

The XYZ color **34.1383, 25.5641, 24.6078** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.1208, 48.9986, 51.8125**, and the grayscale version is **25.1229, 26.4312, 28.7836**.

A 20% lighter version of the original color is **63.1672, 51.2716, 51.9145**, and **14.8159, 9.8607, 9.1051** is the 20% darker color. If you saturate the color by 10%, you get **31.1900, 21.2489, 18.7496**, and if you desaturate by 10%, it is **37.7489, 30.9436, 31.4891**.

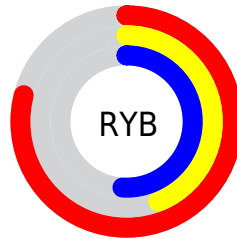
Distribution



Red (79%)

Green (44%)

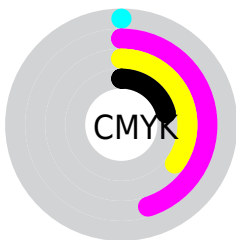
Blue (51%)



Red (79%)

Yellow (44%)

Blue (51%)

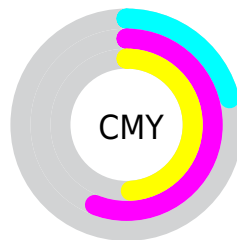


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (21%)



Cyan (21%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1383, 25.5641, 24.6078 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 34.1383, 25.5641, 24.6078 by changing the saturation by 10% instead.


 34.1383, 25.5641,
24.6078


 34.1383, 25.5641,
24.6078


312.3234,
280.6357, 289.2640


 23.1633, 16.4978,
15.5687


 65.4915, 52.5709,
51.9764


 14.8355, 9.8771,
9.0685


 86.6005, 71.2802,
71.1431

 8.7896, 5.3176,
4.6884


 111.8180, 93.9726,
94.5227

 4.6602, 2.4348,
2.0101

 141.5096,
121.0326, 122.5338

 2.0820, 0.8437,
0.5615

176.0406,
152.8445, 155.5950

 0.6794, 0.0000,
0.0000

215.7763,

 0.0000, 0.0000,

189.7927, 194.1247

0.0000

261.0821,
232.2616, 238.5415

■ 34.1383, 25.5641,
24.6078

■ 34.1383, 25.5641,
24.6078

■ 31.1900, 21.2489,
18.7496

■ 37.7489, 30.9436,
31.4891

■ 28.8605, 17.9231,
13.8630

■ 42.0574, 37.4478,
39.4383

■ 27.1043, 15.5083,
9.8943


■ 47.0992, 45.1375,
48.4994


■ 25.8687, 13.9124,
6.7837


■ 52.9069, 54.0676,
58.7135


■ 25.0900, 13.0235,
4.4632

■ 59.5109, 64.2899,
70.1194

 24.8191, 12.7414,
3.5725

 66.9400, 75.8529,
82.7542

 75.2215, 88.8030,
96.6535

 78.1672, 91.2966,
108.1099

Harmonies

Analogous

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



33.4093, 25.5641, 38.6021



34.1383, 25.5641, 24.6078



31.9792, 25.5641, 15.0753

Triad

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



34.1383, 25.5641, 24.6078



19.2963, 25.5641, 12.2324



21.0922, 25.5641, 58.3693

Complementary

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



34.1383, 25.5641, 24.6078



36.1208, 48.9986, 51.8125

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.



17.9571, 25.5641, 46.3026



34.1383, 25.5641, 24.6078



17.0149, 25.5641, 19.2829

Square

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



34.1383, 25.5641, 24.6078



23.1433, 25.5641, 9.5457



16.5574, 25.5641, 31.3326



25.4903, 25.5641, 61.1591

Rectangle

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



34.1383, 25.5641, 24.6078



29.3352, 25.5641, 11.4766



16.5574, 25.5641, 31.3326



19.8730, 25.5641, 55.1140

Sweetspot

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



34.1390, 25.5654, 24.6083



80.5350, 77.6338, 83.5180



35.3474, 25.4301, 58.9227



16.8097, 15.9612, 17.1151



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.



34.1390, 25.5654, 24.6083



52.9467, 36.1768, 32.0262



35.9285, 31.1080, 19.1513



11.3116, 11.2534, 12.1753



15.9984, 8.2100, 2.4445



0.8546, 0.4353, 0.2803

Inverse Universe

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



34.1390, 25.5654, 24.6083



52.9467, 36.1768, 32.0262



33.0846, 39.3795, 61.7345



11.3116, 11.2534, 12.1753



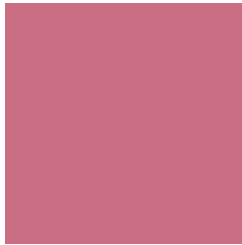
15.9984, 8.2100, 2.4445



0.8546, 0.4353, 0.2803

Previews

White Background



This preview shows how the XYZ color 34.1383, 25.5641, 24.6078 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 34.1383, 25.5641, 24.6078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

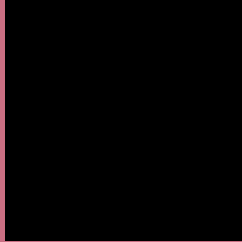
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1383, 25.5641, 24.6078

Background



This preview shows how black text looks on a background with the XYZ color 34.1383, 25.5641, 24.6078.

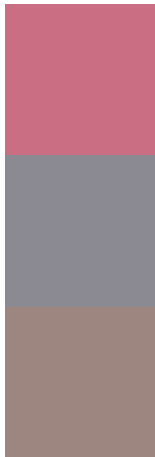


This preview shows how white text looks on a background with the XYZ color 34.1383, 25.5641,

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

34.1383, 25.5641, 24.6078

Protanopia

24.9242, 25.7412, 30.8490

Deuteranopia

26.2605, 25.7506, 23.6650



Tritanopia

33.4437, 25.6082, 21.2694

Trichromacy



Original Color

34.1383, 25.5641, 24.6078

Protanomaly

27.4272, 25.0428, 28.5875

Deuteranomaly

28.5907, 25.3645, 23.8110

Tritanomaly

33.5832, 25.4865, 22.5514

Monochromacy



Original Color

34.1383, 25.5641, 24.6078

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.4699, 25.2932, 27.1012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1383, 25.5641, 24.6078 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(202, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(202, 111, 131)  
}
```

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(202, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 111, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.1383, 25.5641, 24.6078 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(202, 111, 131) }
```


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

```
.border{ border-color:rgb(202, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(202, 111,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1383, 25.5641, 24.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 111, 131) }
```

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

```
.background{ background-color: rgb(202,  
111, 131) }
```

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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