

Converting Colors

XYZ(41.4910, 34.0589, 51.4009)

Have a look what the booklet for
XYZ(41.4910, 34.0589, 51.4009)
contains.

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Color

**XYZ(41.4910, 34.0589,
51.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	C68BBB
RGB	198, 139, 187
RGB Percent	78%, 55%, 73%
CMY	0.2235, 0.4549, 0.2667
CMYK	0.00, 0.30, 0.06, 0.22
HSL	311°, 34%, 66%
HSV	311°, 30%, 78%
XYZ	41.4910, 34.0589, 51.4009
YIQ	162.1130, 19.7560, 27.4360

Conversions

Conversions Part 2

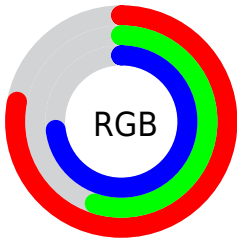
Format	Color
RYB	198, 139, 187
Decimal	13011899
CIELab	65.01, 30.12, -16.06
CIELCh	65, 34.128, 331.934
Yxy	34.0589, 0.3268, 0.2683
Android (android.graphics.Color)	4291201979 (0xFFC68BBB)
YUV	162.1130, 12.2693, 31.4729
Hunter-Lab	58.3600, 24.7744, -11.3680

Details

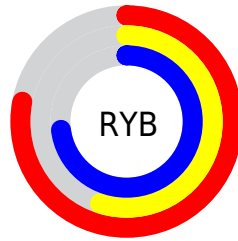
The XYZ color **41.4910, 34.0589, 51.4009** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.3480, 48.0803, 36.2210**, and the grayscale version is **34.3344, 36.1224, 39.3373**.

A 20% lighter version of the original color is **76.4876, 65.8710, 93.4771**, and **19.1205, 14.5403, 24.3531** is the 20% darker color. If you saturate the color by 10%, you get **38.4897, 28.6801, 48.4757**, and if you desaturate by 10%, it is **45.0238, 40.4832, 54.5541**.

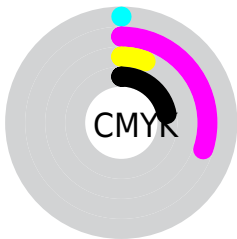
Distribution



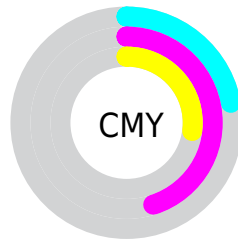
- Red (78%)
- Green (55%)
- Blue (73%)



- Red (78%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4910, 34.0589, 51.4009 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 41.4910, 34.0589, 51.4009 by changing the saturation by 10% instead.


 41.4910, 34.0589,
51.4009

 41.4910, 34.0589,
51.4009

343.3962,
320.3946, 409.0103


 28.8923, 22.9389,
36.1488


 76.6987, 66.0253,
93.6647

 19.1432, 14.5484,
24.2586


 100.0384, 87.6403,
121.5134

 11.8784, 8.5030,
15.3116


 127.6892,
113.5226, 154.3981

 6.7326, 4.4185,
8.8893

160.0164,
144.0563, 192.7374

 3.3403, 1.9103,
4.5732

197.3853,
179.6260, 236.9497

 1.3361, 0.5546,
1.9448

240.1613,

 0.2100, 0.0000,

220.6160, 287.4536

0.5210

288.7099,
267.4108, 344.6676

■ 0.0000, 0.0000,
0.0000

■ 41.4910, 34.0589,
51.4009

■ 41.4910, 34.0589,
51.4009

■ 38.4897, 28.6801,
48.4757

■ 45.0238, 40.4832,
54.5541

■ 35.9885, 24.2861,
45.7666

■ 49.1109, 48.0003,
57.9423

■ 33.9579, 20.8171,
43.2638

■ 53.7777, 56.6603,
61.5745

■ 32.3635, 18.2047,
40.9554

■ 59.0469, 66.5085,
65.4588

■ 31.1664, 16.3712,
38.8281

■ 64.9402, 77.5881,
69.6026

■ 30.3206, 15.2246,
36.8661

■ 70.5765, 88.1369,
73.7128

■ 29.7403, 14.5935,
35.0405

■ 71.0395, 88.3221,
76.1508

■ 29.7293, 14.5820,
35.0040

■ 71.5131, 88.5116,
78.6449

■ 71.9975, 88.7053,
81.1956

Harmonies

Analogous

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



37.6568, 34.0589, 65.2694



41.4910, 34.0589, 51.4009



42.8155, 34.0589, 36.1743

Triad

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



41.4910, 34.0589, 51.4009



32.0526, 34.0589, 16.0101



24.9662, 34.0589, 53.4021

Complementary

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



41.4910, 34.0589, 51.4009



36.3480, 48.0803, 36.2210

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.



23.7818, 34.0589, 38.0095



41.4910, 34.0589, 51.4009



27.6063, 34.0589, 18.4674

Square

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



41.4910, 34.0589, 51.4009



37.0463, 34.0589, 17.8969



24.6977, 34.0589, 25.7085



28.1083, 34.0589, 66.6161

Rectangle

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



41.4910, 34.0589, 51.4009



41.9993, 34.0589, 27.8284



24.6977, 34.0589, 25.7085



24.3412, 34.0589, 48.1941

Sweetspot

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



41.4920, 34.0604, 51.4016



87.4793, 85.9488, 103.0153



31.9712, 29.0109, 57.3414



18.4796, 17.9448, 21.8532



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.



41.4920, 34.0604, 51.4016



69.7882, 53.6916, 87.4842



38.6669, 32.9304, 36.5249



10.9950, 10.7814, 12.9569



19.3630, 9.4948, 22.9192



0.9394, 0.4586, 1.2042

Inverse Universe

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



41.4920, 34.0604, 51.4016



69.7882, 53.6916, 87.4842



39.0116, 49.1457, 50.2471



10.9950, 10.7814, 12.9569



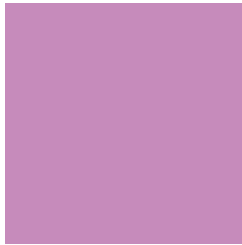
19.3630, 9.4948, 22.9192



0.9394, 0.4586, 1.2042

Previews

White Background



This preview shows how the XYZ color 41.4910, 34.0589, 51.4009 looks on a white background.

Color Contrast Check

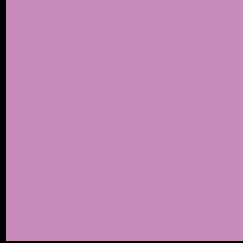
Large Text (above 18pt) WCAG AA × Fail

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 41.4910, 34.0589, 51.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

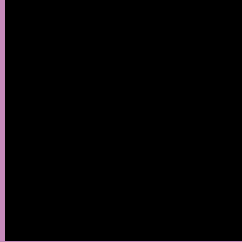
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4910, 34.0589, 51.4009

Background



This preview shows how black text looks on a background with the XYZ color 41.4910, 34.0589, 51.4009.



This preview shows how white text looks on a background with the XYZ color 41.4910, 34.0589,

51.4009.

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

41.4910, 34.0589, 51.4009

Protanopia

34.4100, 34.1964, 58.8198

Deuteranopia

34.9053, 34.1490, 50.0991



Tritanopia

38.3743, 34.1204, 36.0158

Trichromacy



Original Color

41.4910, 34.0589, 51.4009

Protanomaly

36.4826, 33.8598, 56.2425

Deuteranomaly

36.9600, 33.9963, 50.5129

Tritanomaly

39.3032, 34.0370, 41.0575

Monochromacy



Original Color

41.4910, 34.0589, 51.4009

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.5855, 35.1654, 43.3874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4910, 34.0589, 51.4009 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, 139, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 139, 187)  
}
```

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, 139, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 139, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.4910, 34.0589, 51.4009 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, 139, 187) }
```


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

```
.border{ border-color:rgb(198, 139, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 139, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 139, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 139, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 139,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4910, 34.0589, 51.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 139, 187) }
```

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

```
.background{ background-color: rgb(198,  
139, 187) }
```

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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