

Converting Colors

XYZ(41.0649, 29.5022, 58.7903)

Have a look what the booklet for
XYZ(41.0649, 29.5022, 58.7903)
contains.

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Color

**XYZ(41.1084, 29.5914,
58.8034)**

Conversions

Conversions Part 1

Format	Color
Hex	C976C9
RGB	201, 118, 201
RGB Percent	79%, 46%, 79%
CMY	0.2118, 0.5372, 0.2118
CMYK	0.00, 0.41, 0.00, 0.21
HSL	300°, 43%, 63%
HSV	300°, 41%, 79%
XYZ	41.1084, 29.5914, 58.8034
YIQ	152.2790, 22.8250, 43.4090

Conversions

Conversions Part 2

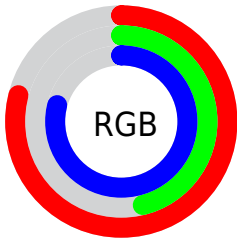
Format	Color
R _Y B	201, 118, 201
Decimal	13203145
CIE Lab	61.30, 44.93, -29.60
CIE LCh	61, 53.805, 326.630
Yxy	29.5914, 0.3174, 0.2285
Android (android.graphics.Color)	4291393225 (0xFFC976C9)
YUV	152.2790, 24.0195, 42.7283
Hunter-Lab	54.3980, 39.6955, -26.0130

Details

The XYZ color **41.1084, 29.5914, 58.8034** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.6291, 46.9338, 24.5333**, and the grayscale version is **29.8589, 31.4139, 34.2098**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **18.8917, 12.0228, 28.9287** is the 20% darker color. If you saturate the color by 10%, you get **38.9891, 25.3523, 58.0972**, and if you desaturate by 10%, it is **43.7339, 34.8418, 59.6789**.

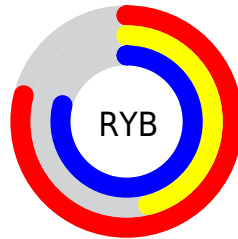
Distribution



Red (79%)

Green (46%)

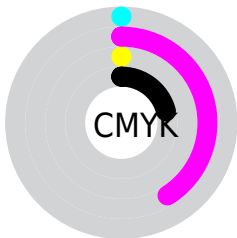
Blue (79%)



Red (79%)

Yellow (46%)

Blue (79%)

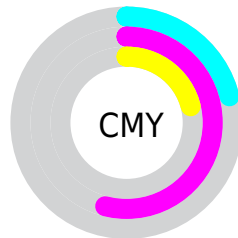


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1084, 29.5914, 58.8034 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 41.1084, 29.5914, 58.8034 by changing the saturation by 10% instead.

41.1084, 29.5914,
58.8034

41.1084, 29.5914,
58.8034

341.8283,
299.9952, 437.8545

28.5918, 19.5287,
42.0359

76.1221, 59.0154,
104.6182

18.9150, 12.0529,
28.8036

99.3499, 79.1454,
134.5026

11.7125, 6.7797,
18.6880

126.8789,
103.4000, 169.5963

6.6190, 3.3247,
11.2705

159.0744,
132.1636, 210.3180

3.2692, 1.3035,
6.1327

196.3017,
165.8205, 257.0861

1.2977, 0.1439,
2.8558

238.9262,

0.1815, 0.0000,

204.7551, 310.3192

1.0215

287.3133,
249.3519, 370.4358

■ 0.0000, 0.0000,
0.0000

■ 41.1084, 29.5914,
58.8034

■ 41.1084, 29.5914,
58.8034

■ 38.9891, 25.3523,
58.0972

■ 43.7339, 34.8418,
59.6789

■ 37.3409, 22.0558,
57.5477

■ 46.8923, 41.1584,
60.7318

■ 36.1286, 19.6311,
57.1435


■ 50.6116, 48.5971,
61.9716


■ 35.3109, 17.9958,
56.8709


■ 54.9173, 57.2084,
63.4069


■ 34.8387, 17.0514,
56.7134


■ 59.8331, 67.0400,
65.0456

 34.6303, 16.6347,
56.6439

 65.3816, 78.1370,
66.8952

 70.3905, 88.1548,
68.5649

 70.3905, 88.1548,
68.5650

 70.3905, 88.1548,
68.5650

Harmonies

Analogous

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



34.6857, 29.5914, 81.2061



41.1084, 29.5914, 58.8034



44.0382, 29.5914, 34.5690

Triad

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



41.1084, 29.5914, 58.8034



28.9344, 29.5914, 6.8553



17.6192, 29.5914, 53.0665

Complementary

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



41.1084, 29.5914, 58.8034



31.6291, 46.9338, 24.5333

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.



16.5987, 29.5914, 29.9799



41.1084, 29.5914, 58.8034



22.4499, 29.5914, 8.4113

Square

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



41.1084, 29.5914, 58.8034



36.3059, 29.5914, 9.3837



18.2122, 29.5914, 15.1693



21.2770, 29.5914, 77.0310

Rectangle

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



41.1084, 29.5914, 58.8034



43.3056, 29.5914, 22.2930



18.2122, 29.5914, 15.1693



16.9860, 29.5914, 44.7275

Sweetspot

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



41.1094, 29.5927, 58.8040



86.0533, 82.0066, 105.9009



24.4936, 21.0269, 58.0267



18.2287, 17.1724, 22.6038



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.



41.1094, 29.5927, 58.8040



66.9440, 43.7882, 99.5307



36.8684, 27.8963, 36.4715



11.0832, 10.8166, 13.4212



21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Inverse Universe

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



41.1094, 29.5927, 58.8040



66.9440, 43.7882, 99.5307



34.6605, 48.1464, 40.4966



11.0832, 10.8166, 13.4212



21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 41.1084, 29.5914, 58.8034 looks on a white background.

Color Contrast Check

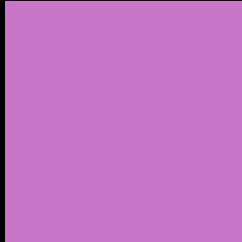
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1084, 29.5914, 58.8034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

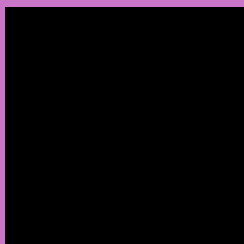
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1084, 29.5914, 58.8034

Background



This preview shows how black text looks on a background with the XYZ color 41.1084, 29.5914, 58.8034.



This preview shows how white text looks on a background with the XYZ color 41.1084, 29.5914,

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

41.1084, 29.5914, 58.8034

Protanopia

31.6242, 30.0231, 73.9403

Deuteranopia

30.5592, 29.8617, 56.3778



Tritanopia

34.9163, 29.4931, 29.0518

Trichromacy



Original Color

41.1084, 29.5914, 58.8034



Protanomaly

33.8324, 29.0939, 68.1225



Deuteranomaly

33.4944, 29.1591, 57.2890



Tritanomaly

36.8367, 29.3018, 38.3646

Monochromacy



Original Color

41.1084, 29.5914, 58.8034



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

33.2113, 30.2045, 42.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1084, 29.5914, 58.8034 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(201, 118, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 118, 201)  
}
```

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(201, 118, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 118, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.1084, 29.5914, 58.8034 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(201, 118, 201) }
```


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

```
.border{ border-color:rgb(201, 118, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 118, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 118, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 118, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 118,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1084, 29.5914, 58.8034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 118, 201) }
```

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

```
.background{ background-color: rgb(201,  
118, 201) }
```

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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