

Converting Colors

XYZ(35.8953, 28.4808, 38.7241)

Have a look what the booklet for
XYZ(35.8953, 28.4808, 38.7241)
contains.

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Color

**XYZ(35.9008, 28.4331,
38.7179)**

Conversions

Conversions Part 1

Format	Color
Hex	C17CA4
RGB	193, 124, 164
RGB Percent	76%, 49%, 64%
CMY	0.2431, 0.5137, 0.3569
CMYK	0.00, 0.36, 0.15, 0.24
HSL	325°, 36%, 62%
HSV	325°, 36%, 76%
XYZ	35.9008, 28.4331, 38.7179
YIQ	149.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

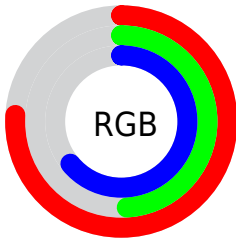
Format	Color
R _Y B	193, 124, 164
Decimal	12680356
CIE Lab	60.28, 32.65, -10.18
CIE LCh	60, 34.196, 342.683
Yxy	28.4331, 0.3484, 0.2759
Android (android.graphics.Color)	4290870436 (0xFFC17CA4)
YUV	149.1910, 7.3008, 38.4205
Hunter-Lab	53.3227, 26.8647, -5.7249

Details

The XYZ color **35.9008, 28.4331, 38.7179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.1331, 44.7257, 37.0257**, and the grayscale version is **28.6101, 30.1000, 32.7789**.

A 20% lighter version of the original color is **68.1309, 57.2793, 74.4829**, and **15.8546, 11.4707, 16.7077** is the 20% darker color. If you saturate the color by 10%, you get **33.0054, 23.7772, 34.2530**, and if you desaturate by 10%, it is **39.3180, 34.0570, 43.5879**.

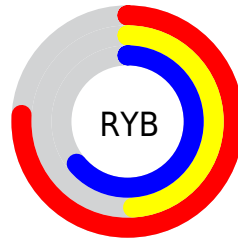
Distribution



Red (76%)

Green (49%)

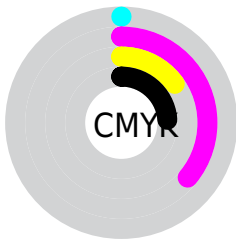
Blue (64%)



Red (76%)

Yellow (49%)

Blue (64%)

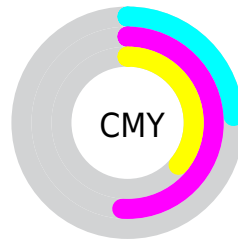


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9008, 28.4331, 38.7179 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 35.9008, 28.4331, 38.7179 by changing the saturation by 10% instead.


 35.9008, 28.4331,
38.7179


 35.9008, 28.4331,
38.7179


319.9656,
294.5307, 356.0797

 24.5273, 18.6524,
26.2342


 68.2038, 57.1752,
74.4228

 15.8521, 11.4194,
16.7716


 89.8641, 76.9053,
98.4810

 9.5097, 6.3497,
9.9115


 115.6840,
100.7207, 127.2345

 5.1349, 3.0588,
5.2355

146.0289,
129.0058, 161.1018

 2.3622, 1.1625,
2.3250

181.2641,
162.1450, 200.5014

 0.8262, 0.0308,
0.7451

221.7551,

 0.0000, 0.0000,

200.5226, 245.8519

0.0000

267.8671,
244.5230, 297.5718

■ 35.9008, 28.4331,
38.7179

■ 35.9008, 28.4331,
38.7179

■ 33.0054, 23.7772,
34.2530

■ 39.3180, 34.0570,
43.5879

■ 30.6006, 20.0295,
30.1776

■ 43.2808, 40.6963,
48.8743

■ 28.6557, 17.1298,
26.4775


■ 47.8145, 48.3999,
54.5897


■ 27.1355, 15.0087,
23.1363


■ 52.9420, 57.2125,
60.7457


■ 25.9989, 13.5859,
20.1358


■ 58.6850, 67.1761,
67.3535


 25.1950, 12.7610,
17.4541

 65.0640, 78.3306,
74.4236

 24.9104, 12.5047,
16.3949

 70.7750, 88.0666,
81.5250

 71.8810, 88.5090,
87.3490

 73.0399, 88.9725,
93.4518

Harmonies

Analogous

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



33.1541, 28.4331, 52.3213



35.9008, 28.4331, 38.7179



36.1145, 28.4331, 25.9535

Triad

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



35.9008, 28.4331, 38.7179



25.2154, 28.4331, 12.8696



21.2879, 28.4331, 50.3866

Complementary

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



35.9008, 28.4331, 38.7179



33.1331, 44.7257, 37.0257

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.



19.6047, 28.4331, 36.5695



35.9008, 28.4331, 38.7179



21.7017, 28.4331, 16.3831

Square

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



35.9008, 28.4331, 38.7179



29.6133, 28.4331, 13.1532



19.7475, 28.4331, 24.3124



24.5917, 28.4331, 60.2106

Rectangle

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



35.9008, 28.4331, 38.7179



34.7616, 28.4331, 19.6635



19.7475, 28.4331, 24.3124



20.5307, 28.4331, 45.9162

Sweetspot

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



35.9016, 28.4344, 38.7185



81.1026, 78.9601, 92.1219



29.9243, 25.0151, 53.7037



17.1648, 16.5419, 19.4660



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.



35.9016, 28.4344, 38.7185



60.1150, 44.1786, 62.9485



33.2135, 27.3592, 24.5631



10.3125, 10.1736, 11.7360



16.6089, 8.3333, 11.1185



0.7514, 0.3736, 0.6583

Inverse Universe

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



35.9016, 28.4344, 38.7185



60.1150, 44.1786, 62.9485



36.3795, 46.0243, 54.1209



10.3125, 10.1736, 11.7360



16.6089, 8.3333, 11.1185



0.7514, 0.3736, 0.6583

Previews

White Background



This preview shows how the XYZ color 35.9008, 28.4331, 38.7179 looks on a white background.

Color Contrast Check

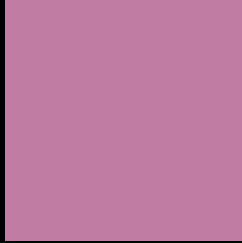
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9008, 28.4331, 38.7179 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 35.9008, 28.4331, 38.7179

Background



This preview shows how black text looks on a background with the XYZ color 35.9008, 28.4331, 38.7179.



This preview shows how white text looks on a background with the XYZ color 35.9008, 28.4331,

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

35.9008, 28.4331, 38.7179

Protanopia

28.3903, 28.5241, 45.6043

Deuteranopia

29.2429, 28.6915, 37.7150



Tritanopia

33.6729, 28.4826, 27.7677

Trichromacy



Original Color

35.9008, 28.4331, 38.7179

Protanomaly

30.4926, 28.1390, 42.8540

Deuteranomaly

31.3340, 28.2614, 37.9859

Tritanomaly

34.3417, 28.3617, 31.2681

Monochromacy



Original Color

35.9008, 28.4331, 38.7179

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.7279, 29.0886, 34.5670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9008, 28.4331, 38.7179 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(193, 124, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 124, 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(193, 124, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 124, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.9008, 28.4331, 38.7179 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(193, 124, 164) }
```


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

```
.border{ border-color:rgb(193, 124, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 124, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 124, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 124, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 124,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9008, 28.4331, 38.7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 124, 164) }
```

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

```
.background{ background-color: rgb(193,  
124, 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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