

Converting Colors

XYZ(38.4815, 29.4363, 36.9113)

Have a look what the booklet for
XYZ(38.4815, 29.4363, 36.9113)
contains.

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Color

**XYZ(38.4815, 29.4363,
36.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7AA0
RGB	205, 122, 160
RGB Percent	80%, 48%, 63%
CMY	0.1961, 0.5215, 0.3725
CMYK	0.00, 0.40, 0.22, 0.20
HSL	333°, 45%, 64%
HSV	333°, 40%, 80%
XYZ	38.4815, 29.4363, 36.9113
YIQ	151.1490, 37.2700, 29.4140

Conversions

Conversions Part 2

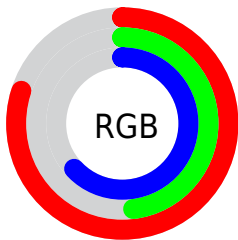
Format	Color
R_{YB}	205, 122, 160
Decimal	13466272
CIE _{Lab}	61.16, 37.28, -6.41
CIE _{LCh}	61, 37.832, 350.244
Yxy	29.4363, 0.3671, 0.2808
Android (android.graphics.Color)	4291656352 (0xFFCD7AA0)
YUV	151.1490, 4.3635, 47.2273
Hunter-Lab	54.2552, 31.6577, -2.3579

Details

The XYZ color **38.4815, 29.4363, 36.9113** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.8337, 50.5909, 44.3853**, and the grayscale version is **29.4507, 30.9845, 33.7421**.

A 20% lighter version of the original color is **69.0311, 57.2170, 71.6956**, and **17.4080, 12.0002, 15.8668** is the 20% darker color. If you saturate the color by 10%, you get **35.2955, 24.5513, 31.2646**, and if you desaturate by 10%, it is **42.2870, 35.4207, 43.1941**.

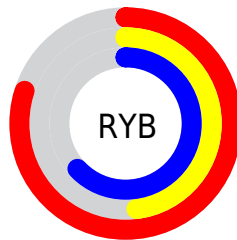
Distribution



Red (80%)

Green (48%)

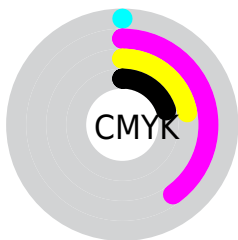
Blue (63%)



Red (80%)

Yellow (48%)

Blue (63%)

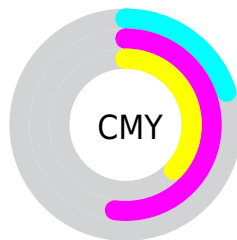


Cyan (0%)

Magenta (40%)

Yellow (22%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4815, 29.4363, 36.9113 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 38.4815, 29.4363, 36.9113 by changing the saturation by 10% instead.


 38.4815, 29.4363,
36.9113


 38.4815, 29.4363,
36.9113


330.9262,
299.2680, 348.0835


 26.5355, 19.4111,
24.8436

 72.1447, 58.7696,
71.6211

 17.3595, 11.9677,
15.7426


 94.5926, 78.8464,
95.1003

 10.5880, 6.7217,
9.1898


 121.2719,
103.0427, 123.2204

 5.8558, 3.2887,
4.7667

152.5479,
131.7427, 156.4000

 2.7974, 1.2842,
2.0547

188.7860,
165.3308, 195.0575

 1.0475, 0.1289,
0.5886

230.3515,

 0.0000, 0.0000,

204.1915, 239.6116

0.0000

277.6098,
248.7091, 290.4807

■ 38.4815, 29.4363,
36.9113

■ 38.4815, 29.4363,
36.9113

■ 35.2955, 24.5513,
31.2646

■ 42.2870, 35.4207,
43.1941

■ 32.6906, 20.6932,
26.2290

■ 46.7425, 42.5625,
50.1330

■ 30.6277, 17.7874,
21.7803


■ 51.8792, 50.9208,
57.7490

■ 29.0616, 15.7474,
17.8911


■ 57.7256, 60.5494,
66.0618


■ 27.9388, 14.4704,
14.5309


■ 64.3086, 71.4987,
75.0899

 27.1905, 13.7846,
11.7820

 71.6535, 83.8164,
84.8513

 76.3410, 90.6608,
94.2153

 78.0235, 91.3338,
103.0750

 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



35.9784, 29.4363, 52.9097



38.4815, 29.4363, 36.9113



37.9256, 29.4363, 23.4907

Triad

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



38.4815, 29.4363, 36.9113



24.8032, 29.4363, 12.6334



22.3061, 29.4363, 58.0010

Complementary

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



38.4815, 29.4363, 36.9113



36.8337, 50.5909, 44.3853

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.



19.9429, 29.4363, 42.4733



38.4815, 29.4363, 36.9113



21.2619, 29.4363, 17.5523

Square

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



38.4815, 29.4363, 36.9113



29.6275, 29.4363, 11.9507



19.5846, 29.4363, 27.6375



26.3915, 29.4363, 67.2551

Rectangle

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



38.4815, 29.4363, 36.9113



35.9167, 29.4363, 17.4333



19.5846, 29.4363, 27.6375



21.3054, 29.4363, 53.1591

Sweetspot

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



38.4824, 29.4377, 36.9119



83.4960, 80.9837, 92.4349



33.7621, 26.4644, 61.0864



17.6247, 16.9308, 19.4231



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.



38.4824, 29.4377, 36.9119



58.2260, 40.8373, 51.9691



35.9949, 28.9940, 22.1134



11.4223, 11.2977, 12.7587



16.9739, 8.6001, 7.5812



0.9138, 0.4589, 0.5919

Inverse Universe

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



38.4824, 29.4377, 36.9119



58.2260, 40.8373, 51.9691



40.2217, 50.8966, 65.4619



11.4223, 11.2977, 12.7587



16.9739, 8.6001, 7.5812



0.9138, 0.4589, 0.5919

Previews

White Background



This preview shows how the XYZ color 38.4815, 29.4363, 36.9113 looks on a white background.

Color Contrast Check

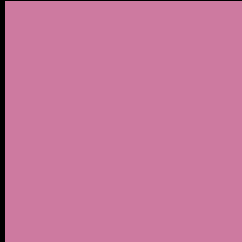
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4815, 29.4363, 36.9113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

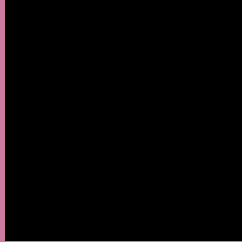
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.4815, 29.4363, 36.9113

Background



This preview shows how black text looks on a background with the XYZ color 38.4815, 29.4363, 36.9113.



This preview shows how white text looks on a background with the XYZ color 38.4815, 29.4363,

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

38.4815, 29.4363, 36.9113

Protanopia

29.4255, 29.7528, 45.2663

Deuteranopia

30.2721, 29.7177, 35.5931



Tritanopia

36.2619, 29.2558, 27.0283

Trichromacy



Original Color

38.4815, 29.4363, 36.9113

Protanomaly

31.8612, 29.0786, 41.9637

Deuteranomaly

32.7945, 29.2727, 35.8200

Tritanomaly

37.0731, 29.4081, 30.5104

Monochromacy



Original Color

38.4815, 29.4363, 36.9113

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.0054, 29.7472, 34.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4815, 29.4363, 36.9113 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(205, 122, 160)` looks like.

```
.text, #text, p{  
    color:rgb(205, 122, 160)  
}
```

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(205, 122, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 122, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.4815, 29.4363, 36.9113 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(205, 122, 160) }
```


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

```
.border{ border-color:rgb(205, 122, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 122, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 122, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 122, 160);  
box-shadow:4px 4px 4px 4px rgb(205, 122,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4815, 29.4363, 36.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 122, 160) }
```

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

```
.background{ background-color: rgb(205,  
122, 160) }
```

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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