

# Converting Colors

XYZ(36.5699, 29.0053, 28.4821)

Have a look what the booklet for  
XYZ(36.5699, 29.0053, 28.4821)  
contains.

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# Color

**XYZ(36.5699, 29.0053,  
28.4821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB7C8C
RGB	203, 124, 140
RGB Percent	80%, 49%, 55%
CMY	0.2039, 0.5137, 0.4510
CMYK	0.00, 0.39, 0.31, 0.20
HSL	348°, 43%, 64%
HSV	348°, 39%, 80%
XYZ	36.5699, 29.0053, 28.4821
YIQ	149.4450, 41.9480, 21.7240

# Conversions

## Conversions Part 2

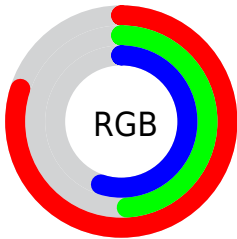
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">203, 124, 140</a>
Decimal	<a href="#">13335692</a>
CIELab	<a href="#">60.79, 32.69, 4.48</a>
CIELCh	<a href="#">61, 32.993, 7.806</a>
Yxy	<a href="#">29.0053, 0.3888, 0.3084</a>
Android (android.graphics.Color)	<a href="#">4291525772 (0xFFCB7C8C)</a>
YUV	<a href="#">149.4450, -4.6564, 46.9677</a>
Hunter-Lab	<a href="#">53.8566, 26.9568, 6.3440</a>

# Details

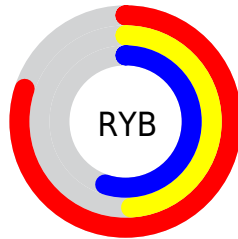
The XYZ color **36.5699, 29.0053, 28.4821** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6391, 50.5855, 54.7439**, and the grayscale version is **28.7620, 30.2598, 32.9530**.

A 20% lighter version of the original color is **66.7860, 56.9510, 57.9247**, and **16.2606, 11.7063, 11.0754** is the 20% darker color. If you saturate the color by 10%, you get **33.1755, 23.9885, 21.8880**, and if you desaturate by 10%, it is **40.6652, 35.1425, 36.1770**.

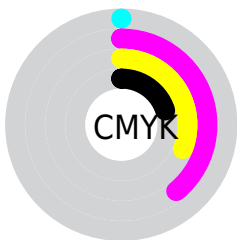
# Distribution



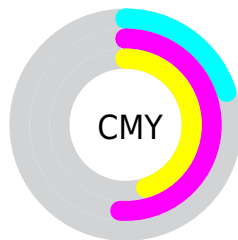
- Red (80%)
- Green (49%)
- Blue (55%)



- Red (80%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (20%)




- Cyan (20%)
- Magenta (51%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5699, 29.0053, 28.4821 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 36.5699, 29.0053, 28.4821 by changing the saturation by 10% instead.





 36.5699, 29.0053,  
28.4821


 36.5699, 29.0053,  
28.4821


322.8326,  
297.2400, 308.7476


 25.0468, 19.0848,  
18.4472


 69.2289, 58.0855,  
58.2856

 16.2408, 11.7316,  
11.0988


 91.0956, 78.0140,  
78.8912

 9.7867, 6.5612,  
6.0183


 117.1408,  
102.0474, 103.8575

 5.3189, 3.1892,  
2.7872

147.7299,  
130.5699, 133.6029

 2.4722, 1.2313,  
0.9871

183.2283,  
163.9660, 168.5461

 0.8813, 0.0870,  
0.0000

224.0013,

 0.0000, 0.0000,

202.6202, 209.1056

0.0000

270.4143,  
246.9167, 255.6999

■ 36.5699, 29.0053,  
28.4821

■ 36.5699, 29.0053,  
28.4821

■ 33.1755, 23.9885,  
21.8880

■ 40.6652, 35.1425,  
36.1770

■ 30.4397, 20.0200,  
16.3420

■ 45.4957, 42.4579,  
45.0187

■ 28.3190, 17.0261,  
11.7894


■ 51.0965, 51.0104,  
55.0524


■ 26.7638, 14.9215,  
8.1698


■ 57.4996, 60.8538,  
66.3206


■ 25.7161, 13.6062,  
5.4158


■ 64.7351, 72.0385,  
78.8636

 25.0861, 12.9178,  
3.4436

 72.8316, 84.6124,  
92.7198

 25.0307, 12.8574,  
3.2699

 78.1705, 91.3293,  
106.7107

 78.4386, 91.4365,  
108.1226

# Harmonies

## Analogous

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



35.9285, 29.0053, 41.3666



36.5699, 29.0053, 28.4821



34.6089, 29.0053, 19.2066

# Triad

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



36.5699, 29.0053, 28.4821



22.8174, 29.0053, 16.3588



24.5702, 29.0053, 58.8765

# Complementary

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



36.5699, 29.0053, 28.4821



38.6391, 50.5855, 54.7439

# 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.



21.5544, 29.0053, 48.3792



36.5699, 29.0053, 28.4821



20.6179, 29.0053, 23.4762

# Square

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



36.5699, 29.0053, 28.4821



26.4639, 29.0053, 13.4895



20.1808, 29.0053, 34.8987



28.7037, 29.0053, 61.2253



# Rectangle

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



36.5699, 29.0053, 28.4821



32.1985, 29.0053, 15.5183



20.1808, 29.0053, 34.8987



23.4054, 29.0053, 56.0732

# Sweetspot

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



36.5707, 29.0067, 28.4827



82.3701, 80.5333, 86.5057



38.2096, 29.1532, 60.1133



17.3608, 16.8252, 18.0335



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.



36.5707, 29.0067, 28.4827



56.2193, 41.1476, 37.9706



38.6058, 34.8293, 23.7586



11.3037, 11.2502, 12.1338



15.9560, 8.1930, 2.2209



0.8510, 0.4338, 0.2613



# Inverse Universe

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



36.5707, 29.0067, 28.4827



56.2193, 41.1476, 37.9706



35.5389, 41.4901, 62.6353



11.3037, 11.2502, 12.1338



15.9560, 8.1930, 2.2209

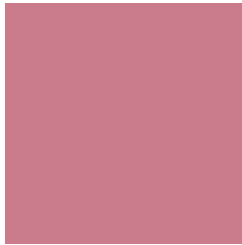


0.8510, 0.4338, 0.2613



# Previews

## White Background



This preview shows how the XYZ color 36.5699, 29.0053, 28.4821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

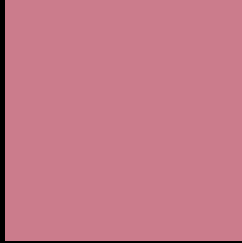
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 36.5699, 29.0053, 28.4821 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 36.5699, 29.0053, 28.4821**

## **Background**



This preview shows how black text looks on a background with the XYZ color 36.5699, 29.0053, 28.4821.



This preview shows how white text looks on a background with the XYZ color 36.5699, 29.0053,



# 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

36.5699, 29.0053, 28.4821

### Protanopia

28.2414, 29.1536, 34.2757

### Deuteranopia

29.7054, 29.1515, 27.7281



## Tritanopia

35.9938, 28.9450, 26.2441

# Trichromacy



## Original Color

36.5699, 29.0053, 28.4821

## Protanomaly

30.5822, 28.6399, 31.9332

## Deuteranomaly

31.8418, 28.7466, 27.9152

## Tritanomaly

36.1347, 29.0014, 26.9859

# Monochromacy



## Original Color

36.5699, 29.0053, 28.4821

## Achromatopsia

28.5667, 30.0544, 32.7292

## Achromatomaly

30.9286, 29.2665, 31.2130

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 36.5699, 29.0053, 28.4821 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(203, 124, 140)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 140)  
}
```

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(203, 124, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 140) }
```

## Border

The CSS property to change the border of an element to XYZ 36.5699, 29.0053, 28.4821 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(203, 124, 140) }
```



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

```
.border{ border-color:rgb(203, 124, 140) }
```

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

Here you see how a box with a 4 pixel rgb(203, 124, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 124, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 124, 140);  
box-shadow:4px 4px 4px 4px rgb(203, 124,  
140) }
```

# Background

The CSS property to change the background color of an element to XYZ 36.5699, 29.0053, 28.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 124, 140) }
```

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

```
.background{ background-color: rgb(203,  
124, 140) }
```

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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