

Converting Colors

XYZ(36.1591, 29.5491, 28.8438)

Have a look what the booklet for
XYZ(36.1591, 29.5491, 28.8438)
contains.

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Color

**XYZ(36.0801, 29.5035,
28.9924)**

Conversions

Conversions Part 1

Format	Color
Hex	C7808D
RGB	199, 128, 141
RGB Percent	78%, 50%, 55%
CMY	0.2196, 0.4980, 0.4471
CMYK	0.00, 0.36, 0.29, 0.22
HSL	349°, 39%, 64%
HSV	349°, 36%, 78%
XYZ	36.0801, 29.5035, 28.9924
YIQ	150.7110, 38.1430, 19.0950

Conversions

Conversions Part 2

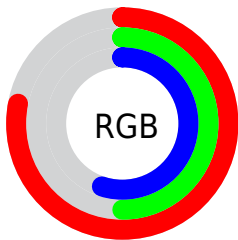
Format	Color
RYB	199, 128, 141
Decimal	13074573
CIELab	61.22, 29.17, 4.48
CIELCh	61, 29.513, 8.722
Yxy	29.5035, 0.3815, 0.3120
Android (android.graphics.Color)	4291264653 (0xFFC7808D)
YUV	150.7110, -4.7875, 42.3495
Hunter-Lab	54.3171, 23.5135, 6.3753

Details

The XYZ color **36.0801, 29.5035, 28.9924** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1898, 48.9820, 53.8985**, and the grayscale version is **29.3010, 30.8269, 33.5705**.

A 20% lighter version of the original color is **67.8183, 58.6560, 59.3771**, and **15.9404, 12.0437, 11.3821** is the 20% darker color. If you saturate the color by 10%, you get **32.6122, 24.3636, 22.3000**, and if you desaturate by 10%, it is **40.2362, 35.7353, 36.7909**.

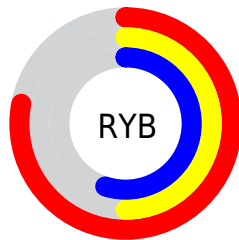
Distribution



Red (78%)

Green (50%)

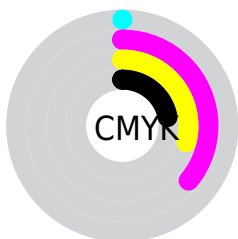
Blue (55%)



Red (78%)

Yellow (50%)

Blue (55%)

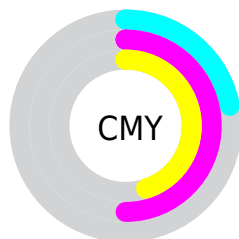


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0801, 29.5035, 28.9924 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 36.0801, 29.5035, 28.9924 by changing the saturation by 10% instead.


 36.0801, 29.5035,
28.9924


 36.0801, 29.5035,
28.9924


320.7356,
299.5832, 311.2389


 24.6665, 19.4620,
18.8295


 68.4787, 58.8761,
59.1071

 15.9561, 12.0046,
11.3716


 90.1945, 78.9760,
79.8959

 9.5838, 6.7468,
6.2001


 116.0749,
103.1976, 105.0639

 5.1840, 3.3043,
2.8964

146.4854,
131.9251, 135.0295

 2.3915, 1.2926,
1.0420

181.7914,
165.5431, 170.2112

 0.8409, 0.1354,
0.0000

222.3582,

 0.0000, 0.0000,

204.4358, 211.0277

0.0000

268.5512,
248.9877, 257.8974

■ 36.0801, 29.5035,
28.9924

■ 36.0801, 29.5035,
28.9924

■ 32.6122, 24.3636,
22.3000

■ 40.2362, 35.7353,
36.7909

■ 29.7926, 20.2484,
16.6615

■ 45.1128, 43.1126,
45.7410

■ 27.5807, 17.0901,
12.0228


■ 50.7430, 51.6905,
55.8879


■ 25.9304, 14.8107,
8.3244


■ 57.1572, 61.5193,
67.2735


■ 24.7887, 13.3201,
5.5000


■ 64.3841, 72.6464,
79.9380

 24.0912, 12.5068,
3.4740

 72.4509, 85.1169,
93.9197

 23.8783, 12.2722,
2.8138

 77.3314, 90.8694,
107.9043

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



35.5830, 29.5035, 40.5167



36.0801, 29.5035, 28.9924



34.2736, 29.5035, 20.5284

Triad

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



36.0801, 29.5035, 28.9924



23.6302, 29.5035, 18.1738



25.4215, 29.5035, 56.4253

Complementary

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



36.0801, 29.5035, 28.9924



38.1898, 48.9820, 53.8985

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.



22.6160, 29.5035, 47.4261



36.0801, 29.5035, 28.9924



21.6500, 29.5035, 24.9790

Square

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



36.0801, 29.5035, 28.9924



26.9262, 29.5035, 15.2974



21.2966, 29.5035, 35.4740



29.1886, 29.5035, 58.2039

Rectangle

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



36.0801, 29.5035, 28.9924



32.0959, 29.5035, 17.1071



21.2966, 29.5035, 35.4740



24.3451, 29.5035, 54.0593

Sweetspot

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



36.0809, 29.5049, 28.9930



83.2729, 82.0018, 87.8460



38.2746, 30.0003, 57.8065



17.5383, 17.1170, 18.2869



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.



36.0809, 29.5049, 28.9930



58.2490, 44.3499, 41.2892



38.4341, 35.6692, 25.2829



10.7118, 10.6681, 11.4659



15.3780, 7.9008, 1.9344



0.7529, 0.3840, 0.2221

Inverse Universe

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



36.0809, 29.5049, 28.9930



58.2490, 44.3499, 41.2892



34.8389, 39.9675, 59.9114



10.7118, 10.6681, 11.4659



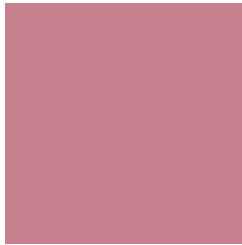
15.3780, 7.9008, 1.9344



0.7529, 0.3840, 0.2221

Previews

White Background



This preview shows how the XYZ color 36.0801, 29.5035, 28.9924 looks on a white background.

Color Contrast Check

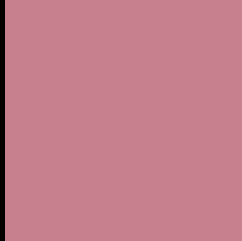
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0801, 29.5035, 28.9924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

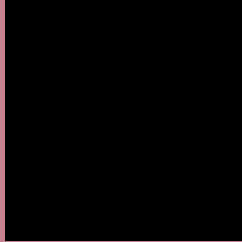
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0801, 29.5035, 28.9924

Background



This preview shows how black text looks on a background with the XYZ color 36.0801, 29.5035, 28.9924.



This preview shows how white text looks on a background with the XYZ color 36.0801, 29.5035,

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

36.0801, 29.5035, 28.9924

Protanopia

28.6789, 29.6185, 33.9112

Deuteranopia

30.1358, 29.5869, 28.1673



Tritanopia

35.8598, 29.4154, 27.8325

Trichromacy



Original Color

36.0801, 29.5035, 28.9924

Protanomaly

30.8718, 29.2191, 32.0297

Deuteranomaly

32.1088, 29.5060, 28.4290

Tritanomaly

35.9326, 29.4445, 28.2156

Monochromacy



Original Color

36.0801, 29.5035, 28.9924

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.2374, 30.0763, 31.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0801, 29.5035, 28.9924 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(199, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(199, 128, 141)  
}
```

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(199, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.0801, 29.5035, 28.9924 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(199, 128, 141) }
```


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

```
.border{ border-color:rgb(199, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(199, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0801, 29.5035, 28.9924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 128, 141) }
```

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

```
.background{ background-color: rgb(199,  
128, 141) }
```

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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