

Converting Colors

XYZ(36.4948, 29.7194, 28.9425)

Have a look what the booklet for
XYZ(36.4948, 29.7194, 28.9425)
contains.

XYZ(36.6143, 29.7789, 29.0174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.6143, 29.7789,
29.0174)**

Conversions

Conversions Part 1

Format	Color
Hex	C9808D
RGB	201, 128, 141
RGB Percent	79%, 50%, 55%
CMY	0.2118, 0.4980, 0.4471
CMYK	0.00, 0.36, 0.30, 0.21
HSL	349°, 40%, 65%
HSV	349°, 36%, 79%
XYZ	36.6143, 29.7789, 29.0174
YIQ	151.3090, 39.3350, 19.5190

Conversions

Conversions Part 2

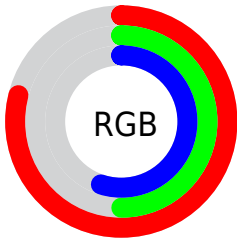
Format	Color
R_{YB}	201, 128, 141
Decimal	13205645
CIE _{Lab}	61.46, 29.92, 4.85
CIE _{LCh}	61, 30.308, 9.211
Yxy	29.7789, 0.3838, 0.3121
Android (android.graphics.Color)	4291395725 (0xFFC9808D)
YUV	151.3090, -5.0823, 43.5790
Hunter-Lab	54.5700, 24.2687, 6.6718

Details

The XYZ color **36.6143, 29.7789, 29.0174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8672, 49.9941, 55.1808**, and the grayscale version is **29.5578, 31.0971, 33.8647**.

A 20% lighter version of the original color is **67.8183, 58.6560, 59.3771**, and **16.2193, 12.0828, 11.3749** is the 20% darker color. If you saturate the color by 10%, you get **33.1085, 24.5901, 22.2295**, and if you desaturate by 10%, it is **40.8244, 36.0826, 36.9456**.

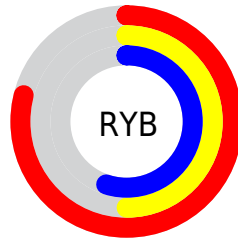
Distribution



Red (79%)

Green (50%)

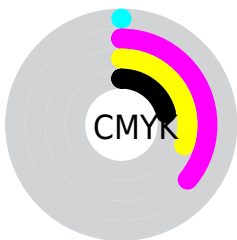
Blue (55%)



Red (79%)

Yellow (50%)

Blue (55%)

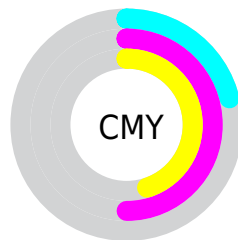


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6143, 29.7789, 29.0174 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 36.6143, 29.7789, 29.0174 by changing the saturation by 10% instead.


 36.6143, 29.7789,
29.0174


 36.6143, 29.7789,
29.0174


323.0222,
300.8725, 311.3605


 25.0813, 19.6708,
18.8483


 69.2969, 59.3123,
59.1472

 16.2667, 12.1560,
11.3850


 91.1771, 79.5065,
79.9451

 9.8051, 6.8500,
6.2090


 117.2372,
103.8315, 105.1229

 5.3312, 3.3685,
2.9017

147.8425,
132.6717, 135.0992

 2.4796, 1.3270,
1.0447

183.3583,
166.4115, 170.2926

 0.8850, 0.1620,
0.0000

224.1499,

 0.0000, 0.0000,

205.4353, 211.1216

0.0000

270.5828,
250.1275, 258.0047

■ 36.6143, 29.7789,
29.0174

■ 36.6143, 29.7789,
29.0174

■ 33.1085, 24.5901,
22.2295

■ 40.8244, 36.0826,
36.9456

■ 30.2658, 20.4468,
16.5271

■ 45.7723, 43.5563,
46.0616

■ 28.0440, 17.2791,
11.8536

■ 51.4922, 52.2570,
56.4125

■ 26.3955, 15.0061,
8.1466

■ 58.0154, 62.2364,
68.0423

■ 25.2649, 13.5343,
5.3364

■ 65.3716, 73.5434,
80.9927

■ 24.5835, 12.7446,
3.3427

■ 73.5888, 86.2242,
95.3037

■ 24.4027, 12.5436,
2.7869

■ 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



36.1386, 29.7789, 40.9067



36.6143, 29.7789, 29.0174



34.7059, 29.7789, 20.3755

Triad

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



36.6143, 29.7789, 29.0174



23.7056, 29.7789, 18.1517



25.6555, 29.7789, 57.7492

Complementary

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



36.6143, 29.7789, 29.0174



38.8672, 49.9941, 55.1808

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.



22.7421, 29.7789, 48.4768



36.6143, 29.7789, 29.0174



21.6923, 29.7789, 25.2036

Square

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



36.6143, 29.7789, 29.0174



27.0880, 29.7789, 15.1511



21.3570, 29.7789, 36.0876



29.5558, 29.7789, 59.4591

Rectangle

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



36.6143, 29.7789, 29.0174



32.4354, 29.7789, 16.9177



21.3570, 29.7789, 36.0876



24.5391, 29.7789, 55.3243

Sweetspot

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



36.6151, 29.7803, 29.0180



83.2529, 81.9938, 87.7407



38.9075, 30.2996, 59.0563



17.5335, 17.1151, 18.2620



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.



36.6151, 29.7803, 29.0180



57.6232, 43.4812, 39.9007



39.0701, 36.1481, 25.3419



10.7097, 10.6673, 11.4545



15.3677, 7.8966, 1.8802



0.7519, 0.3836, 0.2169

Inverse Universe

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



36.6151, 29.7803, 29.0180



57.6232, 43.4812, 39.9007



35.3431, 40.6018, 61.2327



10.7097, 10.6673, 11.4545



15.3677, 7.8966, 1.8802



0.7519, 0.3836, 0.2169

Previews

White Background



This preview shows how the XYZ color 36.6143, 29.7789, 29.0174 looks on a white background.

Color Contrast Check

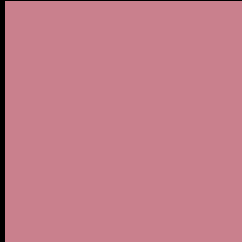
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6143, 29.7789, 29.0174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

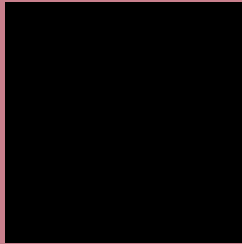
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6143, 29.7789, 29.0174

Background



This preview shows how black text looks on a background with the XYZ color 36.6143, 29.7789, 29.0174.



This preview shows how white text looks on a background with the XYZ color 36.6143, 29.7789,

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

36.6143, 29.7789, 29.0174

Protanopia

28.8351, 29.9308, 33.9632

Deuteranopia

30.4971, 29.9970, 28.2274



Tritanopia

36.3940, 29.6908, 27.8575

Trichromacy



Original Color

36.6143, 29.7789, 29.0174

Protanomaly

31.2324, 29.6229, 32.0886

Deuteranomaly

32.3391, 29.6247, 28.4398

Tritanomaly

36.4668, 29.7199, 28.2406

Monochromacy



Original Color

36.6143, 29.7789, 29.0174

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4511, 30.1865, 31.7727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6143, 29.7789, 29.0174 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, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.6143, 29.7789, 29.0174 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, 128, 141) }
```


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

```
.border{ border-color:rgb(201, 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(201, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6143, 29.7789, 29.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 128, 141) }
```

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

```
.background{ background-color: rgb(201,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor