

Converting Colors

XYZ(36.8250, 28.3957, 27.2631)

Have a look what the booklet for
XYZ(36.8250, 28.3957, 27.2631)
contains.

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Color

**XYZ(36.9640, 28.5045,
27.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7889
RGB	207, 120, 137
RGB Percent	81%, 47%, 54%
CMY	0.1882, 0.5294, 0.4627
CMYK	0.00, 0.42, 0.34, 0.19
HSL	348°, 48%, 64%
HSV	348°, 42%, 81%
XYZ	36.9640, 28.5045, 27.2206
YIQ	147.9510, 46.3950, 23.7310

Conversions

Conversions Part 2

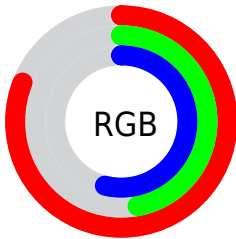
Format	Color
R_{YB}	207, 120, 137
Decimal	13596809
CIE _{Lab}	60.34, 35.90, 5.63
CIE _{LCh}	60, 36.344, 8.915
Yxy	28.5045, 0.3988, 0.3075
Android (android.graphics.Color)	4291786889 (0xFFCF7889)
YUV	147.9510, -5.3988, 51.7860
Hunter-Lab	53.3896, 30.1517, 7.1438

Details

The XYZ color **36.9640, 28.5045, 27.2206** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.3542, 52.3372, 56.7460**, and the grayscale version is **28.1369, 29.6022, 32.2368**.

A 20% lighter version of the original color is **65.6703, 55.2498, 55.9183**, and **16.4261, 11.4284, 10.3570** is the 20% darker color. If you saturate the color by 10%, you get **33.6342, 23.6116, 20.6640**, and if you desaturate by 10%, it is **41.0179, 34.5502, 34.9292**.

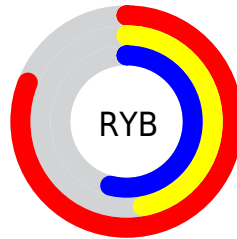
Distribution



Red (81%)

Green (47%)

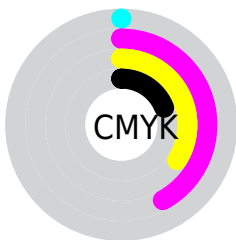
Blue (54%)



Red (81%)

Yellow (47%)

Blue (54%)

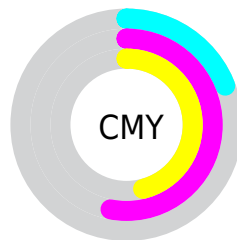


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9640, 28.5045, 27.2206 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 36.9640, 28.5045, 27.2206 by changing the saturation by 10% instead.


 36.9640, 28.5045,
27.2206


 36.9640, 28.5045,
27.2206


324.5129,
294.8698, 302.5175


 25.3532, 18.7063,
17.5051


 69.8316, 57.2889,
56.2457

 16.4705, 11.4583,
10.4295


 91.8191, 77.0439,
76.3923

 9.9507, 6.3760,
5.5753


 117.9962,
100.8866, 100.8531

 5.4283, 3.0750,
2.5240

148.7282,
129.2014, 130.0465

 2.5380, 1.1710,
0.8529

184.3805,
162.3728, 164.3911

 0.9145, 0.0378,
0.0000

225.3185,

 0.0000, 0.0000,

200.7850, 204.3055

0.0000

271.9075,
244.8226, 250.2081

■ 36.9640, 28.5045,
27.2206

■ 36.9640, 28.5045,
27.2206

■ 33.6342, 23.6116,
20.6640

■ 41.0179, 34.5502,
34.9292

■ 30.9827, 19.7938,
15.2016

■ 45.8334, 41.8114,
43.8404

■ 28.9621, 16.9707,
10.7730


■ 51.4481, 50.3512,
54.0035


■ 27.5176, 15.0484,
7.3111


■ 57.8965, 60.2273,
65.4649


■ 26.5844, 13.9149,
4.7404

■ 65.2108, 71.4937,
78.2683

 26.1227, 13.4216,
3.2607

 73.4218, 84.2015,
92.4556

 79.3165, 91.9152,
106.9860

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



36.3613, 28.5045, 41.2348



36.9640, 28.5045, 27.2206



34.6949, 28.5045, 17.5261

Triad

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



36.9640, 28.5045, 27.2206



21.8359, 28.5045, 15.0226



23.9898, 28.5045, 61.7351

Complementary

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



36.9640, 28.5045, 27.2206



39.3542, 52.3372, 56.7460

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.



20.6910, 28.5045, 50.1491



36.9640, 28.5045, 27.2206



19.5503, 28.5045, 22.6758

Square

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



36.9640, 28.5045, 27.2206



25.7253, 28.5045, 11.9362



19.1567, 28.5045, 35.1934



28.5077, 28.5045, 63.9934

Rectangle

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



36.9640, 28.5045, 27.2206



31.9969, 28.5045, 13.8152



19.1567, 28.5045, 35.1934



22.7171, 28.5045, 58.6706

Sweetspot

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



36.9648, 28.5059, 27.2211



81.3704, 79.0425, 84.6044



39.1154, 28.8352, 62.5358



16.9691, 16.2363, 17.3031



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.



36.9648, 28.5059, 27.2211



54.5951, 38.8486, 34.5024



39.4176, 35.2115, 22.4901



11.9018, 11.8455, 12.7587



16.4852, 8.4669, 2.1954



0.9502, 0.4848, 0.2724

Inverse Universe

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



36.9648, 28.5059, 27.2211



54.5951, 38.8486, 34.5024



35.5130, 41.5063, 65.1715



11.9018, 11.8455, 12.7587



16.4852, 8.4669, 2.1954



0.9502, 0.4848, 0.2724

Previews

White Background



This preview shows how the XYZ color 36.9640, 28.5045, 27.2206 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 36.9640, 28.5045, 27.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

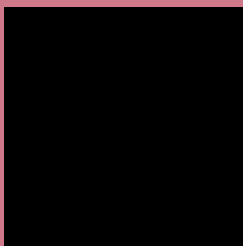
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.9640, 28.5045, 27.2206

Background



This preview shows how black text looks on a background with the XYZ color 36.9640, 28.5045, 27.2206.



This preview shows how white text looks on a background with the XYZ color 36.9640, 28.5045,

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

36.9640, 28.5045, 27.2206

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

29.2756, 28.7425, 26.1952



Tritanopia

36.3202, 28.4083, 24.6882

Trichromacy



Original Color

36.9640, 28.5045, 27.2206

Protanomaly

30.3547, 28.1187, 31.0217

Deuteranomaly

31.5130, 28.1996, 26.3364

Tritanomaly

36.5246, 28.4900, 25.7644

Monochromacy



Original Color

36.9640, 28.5045, 27.2206

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.4847, 28.6256, 30.3041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9640, 28.5045, 27.2206 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(207, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(207, 120, 137)  
}
```

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(207, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 120, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.9640, 28.5045, 27.2206 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(207, 120, 137) }
```


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

```
.border{ border-color:rgb(207, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 120, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 120, 137); box-shadow:4px 4px 4px 4px rgb(207, 120, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9640, 28.5045, 27.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 120, 137) }
```

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

```
.background{ background-color: rgb(207,  
120, 137) }
```

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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