

Converting Colors

XYZ(35.7717, 27.9220, 21.1910)

Have a look what the booklet for
XYZ(35.7717, 27.9220, 21.1910)
contains.

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Color

**XYZ(35.7191, 27.8151,
21.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7778
RGB	207, 119, 120
RGB Percent	81%, 47%, 47%
CMY	0.1882, 0.5333, 0.5294
CMYK	0.00, 0.43, 0.42, 0.19
HSL	359°, 48%, 64%
HSV	359°, 43%, 81%
XYZ	35.7191, 27.8151, 21.2555
YIQ	145.4260, 52.1270, 18.9670

Conversions

Conversions Part 2

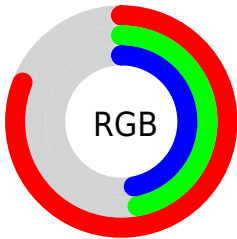
Format	Color
R _Y B	207, 119, 120
Decimal	13596536
CIE Lab	59.72, 34.44, 14.53
CIE LCh	60, 37.377, 22.883
Yxy	27.8151, 0.4213, 0.3280
Android (android.graphics.Color)	4291786616 (0xFFCF7778)
YUV	145.4260, -12.5350, 54.0004
Hunter-Lab	52.7400, 28.5972, 13.0227

Details

The XYZ color **35.7191, 27.8151, 21.2555** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.0625, 53.0044, 66.4623**, and the grayscale version is **27.1223, 28.5348, 31.0744**.

A 20% lighter version of the original color is **63.4389, 53.7436, 46.0597**, and **15.8145, 11.0862, 7.4372** is the 20% darker color. If you saturate the color by 10%, you get **32.4062, 22.9692, 14.6644**, and if you desaturate by 10%, it is **39.8354, 33.8429, 29.4245**.

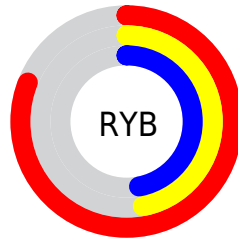
Distribution



Red (81%)

Green (47%)

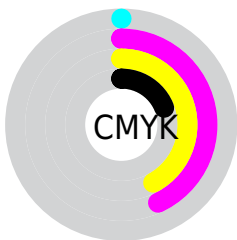
Blue (47%)



Red (81%)

Yellow (47%)

Blue (47%)

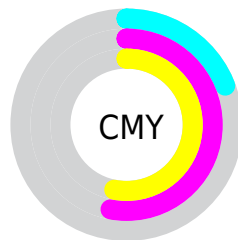


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7191, 27.8151, 21.2555 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 35.7191, 27.8151, 21.2555 by changing the saturation by 10% instead.

35.7191, 27.8151,
21.2555

35.7191, 27.8151,
21.2555

319.1838,
291.5823, 271.4587

24.3864, 18.1863,
13.1178

67.9250, 56.1891,
46.3987

15.7468, 11.0838,
7.3781

89.5289, 75.7031,
64.2412

9.4349, 6.1233,
3.6176

115.2873, 99.2810,
86.1559

5.0853, 2.9202,
1.4180

145.5656,
127.3072, 112.5611

2.3327, 1.0902,
0.1557

180.7290,
160.1660, 143.8755

0.8113, 0.0000,
0.0000

221.1429,

0.0000, 0.0000,

198.2419, 180.5175

0.0000

267.1727,
241.9192, 222.9057

■ 35.7191, 27.8151,
21.2555

■ 35.7191, 27.8151,
21.2555

■ 32.4062, 22.9692,
14.6644

■ 39.8354, 33.8429,
29.4245

■ 29.8424, 19.2238,
9.5480

■ 44.8004, 41.1187,
39.2625

■ 27.9697, 16.4940,
5.7934

■ 50.6589, 49.7087,
50.8555

■ 26.7213, 14.6805,
3.2706

■ 57.4517, 59.6732,
64.2831

■ 26.0167, 13.6641,
1.8245

■ 65.2171, 71.0687,
79.6200

■ 25.7449, 13.2705,
1.2718

■ 73.9912, 83.9485,
96.9368

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



36.5129, 27.8151, 33.6244



35.7191, 27.8151, 21.2555



32.3057, 27.8151, 13.9189

Triad

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



35.7191, 27.8151, 21.2555



19.8362, 27.8151, 17.1448



25.3280, 27.8151, 64.1243

Complementary

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



35.7191, 27.8151, 21.2555



41.0625, 53.0044, 66.4623

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.



21.3266, 27.8151, 56.1233



35.7191, 27.8151, 21.2555



18.4102, 27.8151, 27.1760

Square

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



35.7191, 27.8151, 21.2555



23.0606, 27.8151, 12.0864



18.9214, 27.8151, 41.5683



30.1288, 27.8151, 61.1274

Rectangle

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



35.7191, 27.8151, 21.2555



29.2018, 27.8151, 11.6078



18.9214, 27.8151, 41.5683



23.8533, 27.8151, 62.5677

Sweetspot

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



35.7198, 27.8165, 21.2560



80.5364, 78.7089, 80.2129



43.1842, 30.7551, 62.6917



16.7665, 16.1553, 16.2359



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.



35.7198, 27.8165, 21.2560



52.3604, 37.4318, 24.3466



41.9010, 40.2750, 23.0200



11.8141, 11.8104, 12.2969



16.2228, 8.3620, 0.8136



0.9090, 0.4683, 0.0557

Inverse Universe

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



35.7198, 27.8165, 21.2560



52.3604, 37.4318, 24.3466



32.2306, 35.1466, 64.1166



11.8141, 11.8104, 12.2969



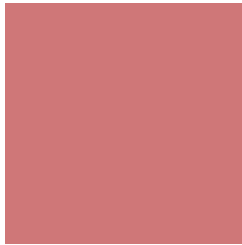
16.2228, 8.3620, 0.8136



0.9090, 0.4683, 0.0557

Previews

White Background



This preview shows how the XYZ color 35.7191, 27.8151, 21.2555 looks on a white background.

Color Contrast Check

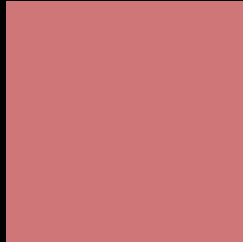
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7191, 27.8151, 21.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

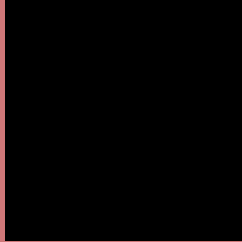
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7191, 27.8151, 21.2555

Background



This preview shows how black text looks on a background with the XYZ color 35.7191, 27.8151, 21.2555.



This preview shows how white text looks on a background with the XYZ color 35.7191, 27.8151,

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

35.7191, 27.8151, 21.2555

Protanopia

26.7846, 28.1240, 26.2071

Deuteranopia

28.5920, 28.0744, 20.7416



Tritanopia

36.3216, 27.8991, 23.5494

Trichromacy



Original Color

35.7191, 27.8151, 21.2555

Protanomaly

29.3548, 27.5444, 24.1915

Deuteranomaly

30.8127, 27.7556, 20.8729

Tritanomaly

36.1289, 27.8220, 22.5348

Monochromacy



Original Color

35.7191, 27.8151, 21.2555

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.3965, 27.7107, 27.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7191, 27.8151, 21.2555 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, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(207, 119, 120)  
}
```

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, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 35.7191, 27.8151, 21.2555 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, 119, 120) }
```


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

```
.border{ border-color:rgb(207, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(207, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7191, 27.8151, 21.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 119, 120) }
```

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

```
.background{ background-color: rgb(207,  
119, 120) }
```

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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