

Converting Colors

XYZ(35.1235, 27.4354, 20.7332)

Have a look what the booklet for
XYZ(35.1235, 27.4354, 20.7332)
contains.

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Color

**XYZ(35.0437, 27.4808,
20.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7776
RGB	205, 119, 118
RGB Percent	80%, 47%, 46%
CMY	0.1961, 0.5333, 0.5373
CMYK	0.00, 0.42, 0.42, 0.20
HSL	1°, 47%, 63%
HSV	1°, 42%, 80%
XYZ	35.0437, 27.4808, 20.5969
YIQ	144.6000, 51.5770, 17.9210

Conversions

Conversions Part 2

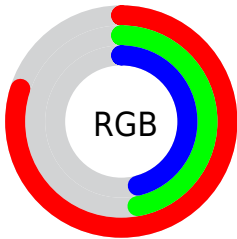
Format	Color
R_{YB}	205, 119, 118
Decimal	13465462
CIE Lab	59.42, 33.46, 15.22
CIE LCh	59, 36.758, 24.459
Yxy	27.4808, 0.4216, 0.3306
Android (android.graphics.Color)	4291655542 (0xFFCD7776)
YUV	144.6000, -13.1138, 52.9708
Hunter-Lab	52.4221, 27.5868, 13.4002

Details

The XYZ color **35.0437, 27.4808, 20.5969** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.0825, 51.4429, 65.5745**, and the grayscale version is **26.7890, 28.1841, 30.6925**.

A 20% lighter version of the original color is **63.2482, 53.6673, 45.0555**, and **15.4464, 10.9943, 7.1024** is the 20% darker color. If you saturate the color by 10%, you get **31.7954, 22.7265, 14.1430**, and if you desaturate by 10%, it is **39.0723, 33.3719, 28.6175**.

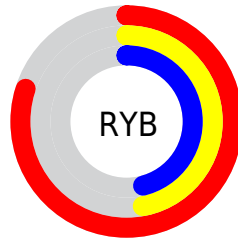
Distribution



Red (80%)

Green (47%)

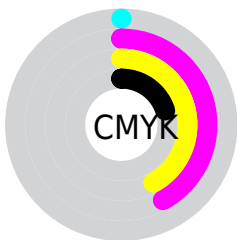
Blue (46%)



Red (80%)

Yellow (47%)

Blue (46%)

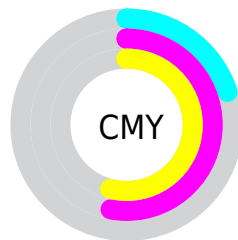


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0437, 27.4808, 20.5969 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 35.0437, 27.4808, 20.5969 by changing the saturation by 10% instead.


 35.0437, 27.4808,
20.5969


 35.0437, 27.4808,
20.5969


316.2658,
289.9776, 267.8387


 23.8632, 17.9346,
12.6413


 66.8870, 55.6544,
45.2877

 15.3564, 10.9031,
7.0542


 88.2806, 75.0507,
62.8601

 9.1578, 6.0017,
3.4171

 113.8092, 98.4992,
84.4750

 4.9022, 2.8461,
1.3113

143.8383,
126.3841, 110.5512

 2.2242, 1.0519,
0.0710

178.7331,
159.0901, 141.5071

 0.7554, 0.0000,
0.0000

218.8591,

 0.0000, 0.0000,

197.0014, 177.7613

0.0000

264.5815,
240.5024, 219.7324

■ 35.0437, 27.4808,
20.5969

■ 35.0437, 27.4808,
20.5969

■ 31.7954, 22.7265,
14.1430

■ 39.0723, 33.3719,
28.6175

■ 29.2750, 19.0321,
9.1520

■ 43.9248, 40.4621,
38.2962

■ 27.4269, 16.3175,
5.5100


■ 49.6443, 48.8141,
49.7195


■ 26.1869, 14.4897,
3.0857


■ 56.2702, 58.4851,
62.9672

■ 25.4780, 13.4377,
1.7218

■ 63.8394, 69.5286,
78.1142

 25.2025, 13.0305,
1.1868

 72.3868, 81.9954,
95.2314

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



35.9687, 27.4808, 32.4395



35.0437, 27.4808, 20.5969



31.6161, 27.4808, 13.6589

Triad

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



35.0437, 27.4808, 20.5969



19.5528, 27.4808, 17.4624



25.2735, 27.4808, 62.9526

Complementary

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



35.0437, 27.4808, 20.5969



40.0825, 51.4429, 65.5745

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.



21.3003, 27.4808, 55.6843



35.0437, 27.4808, 20.5969



18.2559, 27.4808, 27.5380

Square

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



35.0437, 27.4808, 20.5969



22.6201, 27.4808, 12.2572



18.8560, 27.4808, 41.7065



29.9628, 27.4808, 59.4742

Rectangle

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



35.0437, 27.4808, 20.5969



28.5663, 27.4808, 11.5278



18.8560, 27.4808, 41.7065



23.8169, 27.4808, 61.6333

Sweetspot

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



35.0444, 27.4822, 20.5974



80.5879, 78.8922, 79.9822



42.6748, 30.3440, 61.3653



16.7789, 16.1997, 16.1800



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.



35.0444, 27.4822, 20.5974



52.4572, 37.7769, 23.9122



41.2794, 39.9522, 22.6758



11.2226, 11.2341, 11.6563



15.6943, 8.1216, 0.7404



0.8134, 0.4264, 0.0394

Inverse Universe

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



40.0825, 51.4429, 65.5745



61.7829, 82.1417, 107.2064



31.3233, 33.9244, 62.6547



11.5318, 12.7039, 14.4147



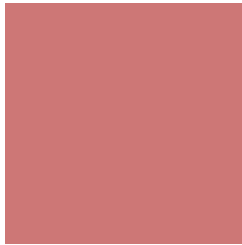
20.1061, 29.2362, 40.5397



1.0409, 1.5156, 2.0926

Previews

White Background



This preview shows how the XYZ color 35.0437, 27.4808, 20.5969 looks on a white background.

Color Contrast Check

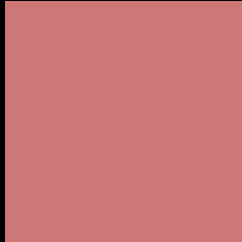
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0437, 27.4808, 20.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

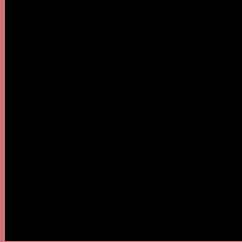
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0437, 27.4808, 20.5969

Background



This preview shows how black text looks on a background with the XYZ color 35.0437, 27.4808, 20.5969.



This preview shows how white text looks on a background with the XYZ color 35.0437, 27.4808,

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

35.0437, 27.4808, 20.5969

Protanopia

26.2462, 27.6462, 25.0720

Deuteranopia

28.1193, 27.6303, 20.0708



Tritanopia

35.6979, 27.5850, 23.1816

Trichromacy



Original Color

35.0437, 27.4808, 20.5969

Protanomaly

28.6532, 26.9916, 23.4384

Deuteranomaly

30.3247, 27.3173, 20.1975

Tritanomaly

35.5072, 27.5087, 22.1772

Monochromacy



Original Color

35.0437, 27.4808, 20.5969

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1137, 27.5731, 26.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0437, 27.4808, 20.5969 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(205, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(205, 119, 118)  
}
```

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(205, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 119, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.0437, 27.4808, 20.5969 is called "border". The border property can be set on classes, ids or directly on the HTML element.

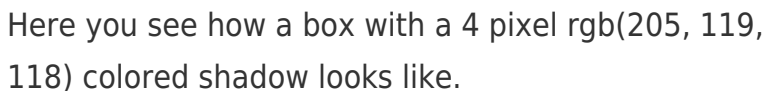
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 119, 118) }
```


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

```
.border{ border-color:rgb(205, 119, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 119, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 119, 118); box-shadow:4px 4px 4px 4px rgb(205, 119, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0437, 27.4808, 20.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 119, 118) }
```

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

```
.background{ background-color: rgb(205,  
119, 118) }
```

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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