

Converting Colors

XYZ(35.1471, 30.0531, 27.6137)

Have a look what the booklet for
XYZ(35.1471, 30.0531, 27.6137)
contains.

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Color

**XYZ(35.1510, 30.0505,
27.6146)**

Conversions

Conversions Part 1

Format	Color
Hex	C28589
RGB	194, 133, 137
RGB Percent	76%, 52%, 54%
CMY	0.2392, 0.4784, 0.4627
CMYK	0.00, 0.31, 0.29, 0.24
HSL	356°, 33%, 64%
HSV	356°, 31%, 76%
XYZ	35.1510, 30.0505, 27.6146
YIQ	151.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

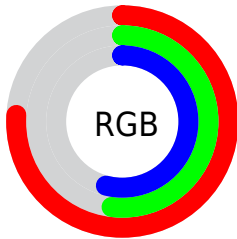
Format	Color
RYB	194, 133, 137
Decimal	12748169
CIELab	61.70, 23.99, 7.36
CIELCh	62, 25.098, 17.064
Yxy	30.0505, 0.3787, 0.3238
Android (android.graphics.Color)	4290938249 (0xFFC28589)
YUV	151.6950, -7.2446, 37.1015
Hunter-Lab	54.8183, 18.5269, 8.5056

Details

The XYZ color **35.1510, 30.0505, 27.6146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2602, 47.2885, 55.8286**, and the grayscale version is **29.7339, 31.2824, 34.0665**.

A 20% lighter version of the original color is **67.2095, 59.9538, 56.7451**, and **15.4610, 12.3636, 10.5884** is the 20% darker color. If you saturate the color by 10%, you get **31.5431, 24.7439, 20.5260**, and if you desaturate by 10%, it is **39.4696, 36.4284, 36.0188**.

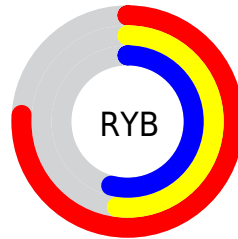
Distribution



Red (76%)

Green (52%)

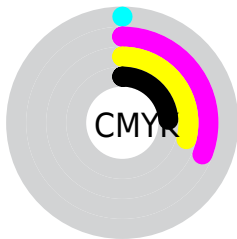
Blue (54%)



Red (76%)

Yellow (52%)

Blue (54%)

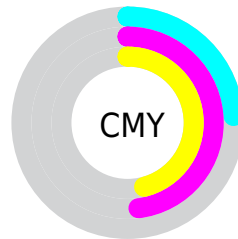


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1510, 30.0505, 27.6146 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 35.1510, 30.0505, 27.6146 by changing the saturation by 10% instead.


 35.1510, 30.0505,
27.6146


 35.1510, 30.0505,
27.6146


316.7307,
302.1398, 304.4745


 23.9463, 19.8769,
17.7988


 67.0521, 59.7420,
56.8842

 15.4183, 12.3056,
10.6377

 88.4792, 80.0288,
77.1751

 9.2017, 6.9522,
5.7127


 114.0445,
104.4554, 101.7949

 4.9311, 3.4322,
2.6052

144.1132,
133.4062, 131.1620

 2.2413, 1.3613,
0.8952

179.0509,
167.2656, 165.6949

 0.7643, 0.1880,
0.0000

219.2228,

 0.0000, 0.0000,

206.4181, 205.8123

0.0000

264.9943,
251.2480, 251.9326

■ 35.1510, 30.0505,
27.6146

■ 35.1510, 30.0505,
27.6146

■ 31.5431, 24.7439,
20.5260

■ 39.4696, 36.4284,
36.0188

■ 28.6055, 20.4458,
14.6848

■ 44.5315, 43.9274,
45.7985

■ 26.2975, 17.0937,
10.0191

■ 50.3705, 52.5991,
57.0123

■ 24.5730, 14.6161,
6.4492

■ 57.0172, 62.4909,
69.7146

■ 23.3794, 12.9315,
3.8855

■ 64.5009, 73.6476,
83.9573

■ 22.6549, 11.9430,
2.2241

■ 72.8492, 86.1114,
99.7895

■ 22.3190, 11.4977,
1.4140

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



35.2887, 30.0505, 37.0117



35.1510, 30.0505, 27.6146



33.1632, 30.0505, 21.0184

Triad

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



35.1510, 30.0505, 27.6146



24.1141, 30.0505, 21.7236



27.1486, 30.0505, 54.1153

Complementary

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



35.1510, 30.0505, 27.6146



38.2602, 47.2885, 55.8286

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.



24.4075, 30.0505, 48.1149



35.1510, 30.0505, 27.6146



22.7497, 30.0505, 28.7734

Square

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



35.1510, 30.0505, 27.6146



26.7189, 30.0505, 18.1001



22.8527, 30.0505, 38.4185



30.4882, 30.0505, 53.6371

Rectangle

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



35.1510, 30.0505, 27.6146



31.1383, 30.0505, 18.5377



22.8527, 30.0505, 38.4185



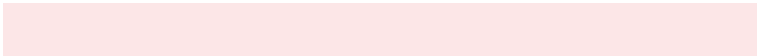
26.1321, 30.0505, 52.7464

Sweetspot

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



35.1518, 30.0519, 27.6152



82.9843, 83.0046, 87.4106



39.3445, 31.6101, 55.0667



17.8451, 17.6909, 18.5115



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.



35.1518, 30.0519, 27.6152



58.8771, 47.3684, 40.5982



38.9554, 38.1095, 27.4948



10.0994, 10.0884, 10.6138



14.6852, 7.5638, 0.9883



0.6439, 0.3306, 0.0922

Inverse Universe

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



35.1518, 30.0519, 27.6152



58.8771, 47.3684, 40.5982



33.3344, 36.7283, 56.3714



10.0994, 10.0884, 10.6138



14.6852, 7.5638, 0.9883



0.6439, 0.3306, 0.0922

Previews

White Background



This preview shows how the XYZ color 35.1510, 30.0505, 27.6146 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 35.1510, 30.0505, 27.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

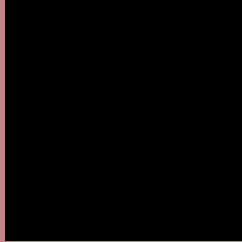
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1510, 30.0505, 27.6146

Background



This preview shows how black text looks on a background with the XYZ color 35.1510, 30.0505, 27.6146.



This preview shows how white text looks on a background with the XYZ color 35.1510, 30.0505,

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

35.1510, 30.0505, 27.6146

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

30.7086, 30.1308, 27.1190



Tritanopia

35.6394, 30.0576, 29.5145

Trichromacy



Original Color

35.1510, 30.0505, 27.6146

Protanomaly

30.9288, 29.9529, 30.1380

Deuteranomaly

32.1821, 29.9987, 27.3867

Tritanomaly

35.4906, 29.9981, 28.7306

Monochromacy



Original Color

35.1510, 30.0505, 27.6146

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3282, 30.5729, 31.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1510, 30.0505, 27.6146 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(194, 133, 137)` looks like.

```
.text, #text, p{  
    color:rgb(194, 133, 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(194, 133, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 133, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.1510, 30.0505, 27.6146 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(194, 133, 137) }
```


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

```
.border{ border-color:rgb(194, 133, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 133, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 133, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 133, 137);  
box-shadow:4px 4px 4px 4px rgb(194, 133,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1510, 30.0505, 27.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 133, 137) }
```

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

```
.background{ background-color: rgb(194,  
133, 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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