

Converting Colors

XYZ(35.7417, 30.8221, 27.0649)

Have a look what the booklet for
XYZ(35.7417, 30.8221, 27.0649)
contains.

XYZ(35.8021, 30.8130, 26.9822)	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(35.8021, 30.8130,
26.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	C48787
RGB	196, 135, 135
RGB Percent	77%, 53%, 53%
CMY	0.2314, 0.4706, 0.4706
CMYK	0.00, 0.31, 0.31, 0.23
HSL	0°, 34%, 65%
HSV	0°, 31%, 77%
XYZ	35.8021, 30.8130, 26.9822
YIQ	153.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

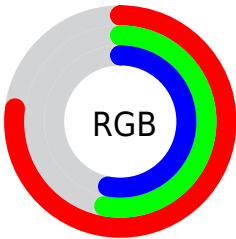
Format	Color
RYB	196, 135, 135
Decimal	12879751
CIELab	62.35, 23.39, 9.46
CIELCh	62, 25.228, 22.029
Yxy	30.8130, 0.3825, 0.3292
Android (android.graphics.Color)	4291069831 (0xFFC48787)
YUV	153.2390, -8.9918, 37.5014
Hunter-Lab	55.5095, 17.9861, 10.0368

Details

The XYZ color **35.8021, 30.8130, 26.9822** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6947, 48.6145, 59.5160**, and the grayscale version is **30.4100, 31.9936, 34.8411**.

A 20% lighter version of the original color is **68.1477, 61.0969, 55.7781**, and **15.8727, 12.8156, 10.2314** is the 20% darker color. If you saturate the color by 10%, you get **32.0598, 25.3372, 19.5417**, and if you desaturate by 10%, it is **40.3034, 37.4000, 35.9297**.

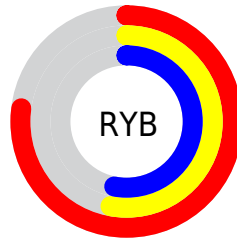
Distribution



Red (77%)

Green (53%)

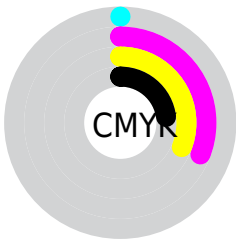
Blue (53%)



Red (77%)

Yellow (53%)

Blue (53%)

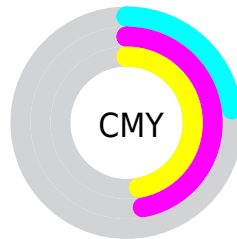


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8021, 30.8130, 26.9822 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 35.8021, 30.8130, 26.9822 by changing the saturation by 10% instead.


 35.8021, 30.8130,
26.9822


 35.8021, 30.8130,
26.9822


319.5411,
305.6759, 301.3284


 24.4508, 20.4565,
17.3275


 68.0524, 60.9455,
55.8587

 15.7949, 12.7273,
10.3039


 89.6821, 81.4904,
75.9176

 9.4691, 7.2410,
5.4927


 115.4686,
106.2001, 100.2817

 5.1079, 3.6133,
2.4754

145.7773,
135.4591, 129.3694

 2.3461, 1.4597,
0.8271

180.9735,
169.6518, 163.5995

 0.8181, 0.2601,
0.0000

221.4227,

 0.0000, 0.0000,

209.1625, 203.3903

0.0000

267.4901,
254.3758, 249.1604

■ 35.8021, 30.8130,
26.9822

■ 35.8021, 30.8130,
26.9822

■ 32.0598, 25.3372,
19.5417

■ 40.3034, 37.4000,
35.9297

■ 29.0325, 20.9074,
13.5237

■ 45.5998, 45.1500,
46.4587

■ 26.6754, 17.4581,
8.8380

■ 51.7278, 54.1170,
58.6412

■ 24.9375, 14.9151,
5.3835

■ 58.7212, 64.3502,
72.5439

■ 23.7609, 13.1932,
3.0446

■ 66.6116, 75.8960,
88.2302

■ 23.0762, 12.1913,
1.6838

■ 75.4294, 88.7987,
105.7600

■ 22.7651, 11.7361,
1.0654

■ 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



36.2795, 30.8130, 36.2249



35.8021, 30.8130, 26.9822



33.5135, 30.8130, 20.8066

Triad

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



35.8021, 30.8130, 26.9822



24.4115, 30.8130, 23.2629



28.3860, 30.8130, 55.8207

Complementary

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



35.8021, 30.8130, 26.9822



39.6947, 48.6145, 59.5160

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.



25.4314, 30.8130, 50.6568



35.8021, 30.8130, 26.9822



23.2559, 30.8130, 31.0104

Square

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



35.8021, 30.8130, 26.9822



26.8934, 30.8130, 18.9679



23.6142, 30.8130, 41.1057



31.8182, 30.8130, 54.1655

Rectangle

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



35.8021, 30.8130, 26.9822



31.3589, 30.8130, 18.6584



23.6142, 30.8130, 41.1057



27.3081, 30.8130, 54.7944

Sweetspot

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



35.8029, 30.8145, 26.9828



84.6837, 84.8313, 88.2919



41.3929, 33.0495, 56.4222



17.7929, 17.6702, 18.2363



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.



35.8029, 30.8145, 26.9828



60.3271, 49.1907, 39.8718



40.6838, 40.5763, 28.6098



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



39.6947, 48.6145, 59.5160



68.4354, 86.2767, 107.6539



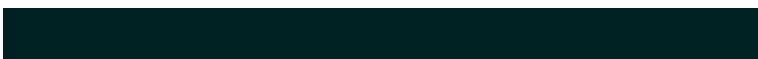
33.5013, 36.2277, 57.4516



10.3685, 11.4284, 12.9442



19.0841, 27.9246, 37.9408



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 35.8021, 30.8130, 26.9822 looks on a white background.

Color Contrast Check

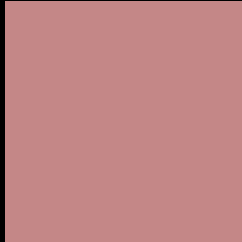
Large Text (above 18pt) WCAG AA × Fail

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 35.8021, 30.8130, 26.9822 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 35.8021, 30.8130, 26.9822

Background



This preview shows how black text looks on a background with the XYZ color 35.8021, 30.8130, 26.9822.



This preview shows how white text looks on a background with the XYZ color 35.8021, 30.8130,

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

35.8021, 30.8130, 26.9822

Protanopia

29.5746, 30.8638, 30.3852

Deuteranopia

31.5258, 31.0219, 26.5165



Tritanopia

36.5851, 30.9341, 30.4282

Trichromacy



Original Color

35.8021, 30.8130, 26.9822

Protanomaly

31.6536, 30.8022, 29.0880

Deuteranomaly

33.0321, 30.8910, 26.7758

Tritanomaly

36.3588, 30.8436, 29.2364

Monochromacy



Original Color

35.8021, 30.8130, 26.9822

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8294, 31.0681, 31.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8021, 30.8130, 26.9822 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(196, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 135, 135)  
}
```

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(196, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.8021, 30.8130, 26.9822 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(196, 135, 135) }
```


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

```
.border{ border-color:rgb(196, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(196, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8021, 30.8130, 26.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 135, 135) }
```

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

```
.background{ background-color: rgb(196,  
135, 135) }
```

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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