

Converting Colors

XYZ(35.3037, 30.8984, 20.9329)

Have a look what the booklet for
XYZ(35.3037, 30.8984, 20.9329)
contains.

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Color

**XYZ(35.3037, 30.8984,
20.9329)**

Conversions

Conversions Part 1

Format	Color
Hex	C68875
RGB	198, 136, 117
RGB Percent	78%, 53%, 46%
CMY	0.2235, 0.4666, 0.5412
CMYK	0.00, 0.31, 0.41, 0.22
HSL	14°, 42%, 62%
HSV	14°, 41%, 78%
XYZ	35.3037, 30.8984, 20.9329
YIQ	152.3720, 43.0510, 7.2350

Conversions

Conversions Part 2

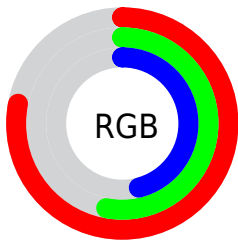
Format	Color
R_{YB}	198, 142, 117
Decimal	13011061
CIE _{Lab}	62.42, 21.39, 19.78
CIE _{LCh}	62, 29.134, 42.759
Yxy	30.8984, 0.4052, 0.3546
Android (android.graphics.Color)	4291201141 (0xFFC68875)
YUV	152.3720, -17.4384, 40.0158
Hunter-Lab	55.5863, 16.0919, 16.5828

Details

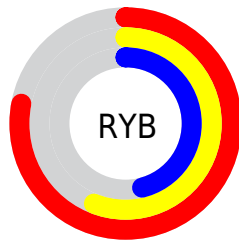
The XYZ color **35.3037, 30.8984, 20.9329** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6485, 40.0977, 59.3921**, and the grayscale version is **30.0665, 31.6323, 34.4476**.

A 20% lighter version of the original color is **66.8149, 60.9515, 45.7794**, and **15.5573, 12.8360, 7.2879** is the 20% darker color. If you saturate the color by 10%, you get **32.2750, 26.5111, 14.7746**, and if you desaturate by 10%, it is **38.8821, 35.9908, 28.4898**.

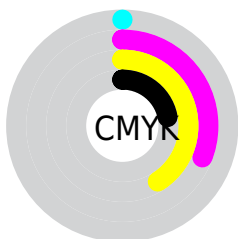
Distribution



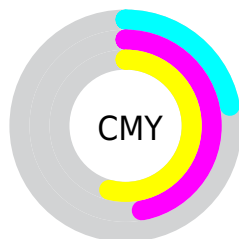
- Red (78%)
- Green (53%)
- Blue (46%)



- Red (78%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3037, 30.8984, 20.9329 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 35.3037, 30.8984, 20.9329 by changing the saturation by 10% instead.


 35.3037, 30.8984,
20.9329


 35.3037, 30.8984,
20.9329


317.3914,
306.0700, 269.6910

 24.0645, 20.5215,
12.8842


 67.2869, 61.0801,
45.8552

 15.5065, 12.7747,
7.2191

 88.7616, 81.6536,
63.5658

 9.2642, 7.2736,
3.5190

 114.3790,
106.3949, 85.3342

 4.9724, 3.6338,
1.3653

144.5042,
135.6882, 111.5789

 2.2657, 1.4709,
0.1145

179.5027,
169.9179, 142.7183

 0.7770, 0.2681,
0.0000

219.7398,

 0.0000, 0.0000,

209.4686, 179.1712

0.0000

265.5809,
254.7245, 221.3559

■ 35.3037, 30.8984,
20.9329

■ 35.3037, 30.8984,
20.9329

■ 32.2750, 26.5111,
14.7746

■ 38.8821, 35.9908,
28.4898

■ 29.7652, 22.7928,
9.9263

■ 43.0338, 41.8132,
37.5227

■ 27.7443, 19.7112,
6.2924


■ 47.7842, 48.3949,
48.1053


■ 26.1777, 17.2293,
3.7628


■ 53.1561, 55.7620,
60.3061


■ 25.0259, 15.3056,
2.2076

■ 59.1714, 63.9395,
74.1893

 24.2835, 13.9955,
1.4215

 65.8506, 72.9513,
89.8157

 73.1165, 82.7815,
106.7325

 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



37.4142, 30.8984, 29.0651



35.3037, 30.8984, 20.9329



31.6767, 30.8984, 16.8538

Triad

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



35.3037, 30.8984, 20.9329



22.6962, 30.8984, 27.6001



31.0772, 30.8984, 59.6237

Complementary

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



35.3037, 30.8984, 20.9329



33.6485, 40.0977, 59.3921

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.



27.1743, 30.8984, 58.9812



35.3037, 30.8984, 20.9329



22.5670, 30.8984, 38.6782

Square

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



35.3037, 30.8984, 20.9329



24.5083, 30.8984, 20.0684



24.1380, 30.8984, 50.6732



34.8310, 30.8984, 52.2701

Rectangle

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



35.3037, 30.8984, 20.9329



29.0040, 30.8984, 16.2604



24.1380, 30.8984, 50.6732



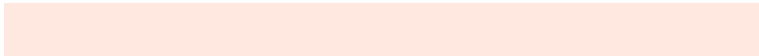
29.7350, 30.8984, 60.3763

Sweetspot

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



35.3045, 30.8999, 20.9335



83.4872, 84.1403, 82.6462



37.7969, 27.9873, 46.1109



17.6216, 17.6668, 17.1334



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.



35.3045, 30.8999, 20.9335



57.7338, 47.7954, 27.3192



42.1035, 44.4979, 23.1998



10.8325, 11.0342, 11.1216



15.8477, 9.2125, 0.9429



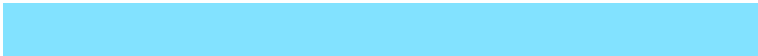
0.8080, 0.5515, 0.0639

Inverse Universe

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



33.6485, 40.0977, 59.3921



54.3741, 66.1908, 104.5180



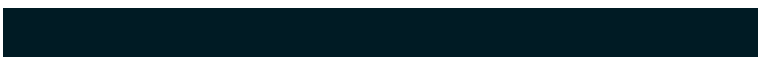
26.7042, 26.2090, 57.0773



10.7277, 11.6294, 13.5968



13.9510, 17.2959, 37.3475



0.7133, 0.9244, 1.7860

Previews

White Background



This preview shows how the XYZ color 35.3037, 30.8984, 20.9329 looks on a white background.

Color Contrast Check

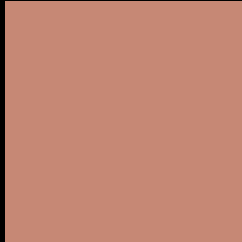
Large Text (above 18pt) WCAG AA × Fail

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 35.3037, 30.8984, 20.9329 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 35.3037, 30.8984, 20.9329

Background



This preview shows how black text looks on a background with the XYZ color 35.3037, 30.8984, 20.9329.



This preview shows how white text looks on a background with the XYZ color 35.3037, 30.8984,

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

35.3037, 30.8984, 20.9329

Protanopia

29.2019, 31.0620, 23.5252

Deuteranopia

31.5800, 30.9536, 20.5298



Tritanopia

36.9532, 30.7349, 29.5760

Trichromacy



Original Color

35.3037, 30.8984, 20.9329

Protanomaly

31.1856, 30.9369, 22.4169

Deuteranomaly

32.8330, 30.9212, 20.7609

Tritanomaly

36.1744, 30.6106, 26.1921

Monochromacy



Original Color

35.3037, 30.8984, 20.9329

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3013, 30.8569, 28.7323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3037, 30.8984, 20.9329 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(198, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 117)  
}
```

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(198, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 117) }
```

Border

The CSS property to change the border of an element to XYZ 35.3037, 30.8984, 20.9329 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(198, 136, 117) }
```


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

```
.border{ border-color:rgb(198, 136, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(198, 136,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3037, 30.8984, 20.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 117) }
```

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

```
.background{ background-color: rgb(198,  
136, 117) }
```

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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