

Converting Colors

XYZ(36.6048, 33.7784, 20.5102)

Have a look what the booklet for
XYZ(36.6048, 33.7784, 20.5102)
contains.

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Color

**XYZ(36.6048, 33.7784,
20.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	C69272
RGB	198, 146, 114
RGB Percent	78%, 57%, 45%
CMY	0.2235, 0.4274, 0.5529
CMYK	0.00, 0.26, 0.42, 0.22
HSL	23°, 42%, 61%
HSV	23°, 42%, 78%
XYZ	36.6048, 33.7784, 20.5102
YIQ	157.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

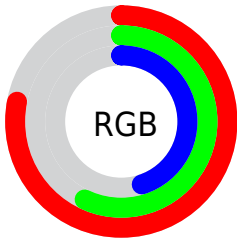
Format	Color
R_{YB}	198, 166, 114
Decimal	13013618
CIE _{Lab}	64.79, 15.56, 24.64
CIE _{LCh}	65, 29.141, 57.724
Yxy	33.7784, 0.4027, 0.3716
Android (android.graphics.Color)	4291203698 (0xFFC69272)
YUV	157.9000, -21.6427, 35.1677
Hunter-Lab	58.1192, 10.7148, 19.7601

Details

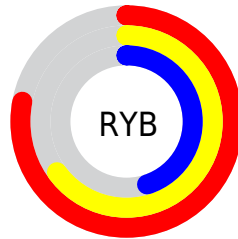
The XYZ color **36.6048, 33.7784, 20.5102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7681, 34.9257, 58.5456**, and the grayscale version is **32.5367, 34.2311, 37.2777**.

A 20% lighter version of the original color is **68.7772, 65.3217, 45.0598**, and **16.2309, 14.3285, 7.0645** is the 20% darker color. If you saturate the color by 10%, you get **33.8085, 29.7984, 14.6069**, and if you desaturate by 10%, it is **39.8493, 38.2644, 27.7672**.

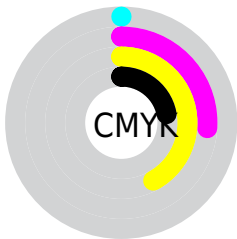
Distribution



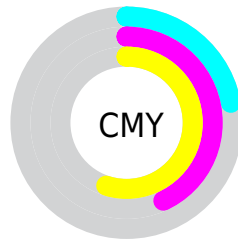
- Red (78%)
- Green (57%)
- Blue (45%)



- Red (78%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (22%)




- Cyan (22%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6048, 33.7784, 20.5102 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 36.6048, 33.7784, 20.5102 by changing the saturation by 10% instead.


 36.6048, 33.7784,
20.5102

 36.6048, 33.7784,
20.5102


322.9817,
319.1428, 267.3589


 25.0739, 22.7234,
12.5787


 69.2823, 65.5889,
45.1411


 16.2612, 14.3894,
7.0118


 91.1597, 87.1132,
62.6776

 9.8012, 8.3920,
3.3909


 117.2166,
112.8961, 84.2528

 5.3286, 4.3468,
1.2975

 147.8184,
143.3220, 110.2853

 2.4780, 1.8694,
0.0598

183.3305,
178.7752, 141.1936

 0.8842, 0.5299,
0.0000

224.1181,

 0.0000, 0.0000,

219.6401, 177.3963

0.0000

270.5467,
266.3012, 219.3119

■ 36.6048, 33.7784,
20.5102

■ 36.6048, 33.7784,
20.5102

■ 33.8085, 29.7984,
14.6069

■ 39.8493, 38.2644,
27.7672

■ 31.4357, 26.3004,
9.9694

■ 43.5601, 43.2694,
36.4540

■ 29.4626, 23.2656,
6.5024


■ 47.7571, 48.8120,
46.6436


■ 27.8620, 20.6717,
4.0963


■ 52.4585, 54.9084,
58.4034


■ 26.6017, 18.4940,
2.6196


■ 57.6811, 61.5740,
71.7965

 25.8346, 17.0976,
1.9385

 63.4413, 68.8237,
86.8826

 69.7545, 76.6716,
103.7184

 73.7055, 83.9595,
106.9289

 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.



39.7820, 33.7784, 27.0510



36.6048, 33.7784, 20.5102



32.4265, 33.7784, 18.1987

Triad

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



36.6048, 33.7784, 20.5102



24.7060, 33.7784, 35.8699



36.0031, 33.7784, 61.2313

Complementary

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



36.6048, 33.7784, 20.5102



30.7681, 34.9257, 58.5456

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.



31.7864, 33.7784, 65.0034



36.6048, 33.7784, 20.5102



25.4858, 33.7784, 48.5974

Square

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



36.6048, 33.7784, 20.5102



25.7612, 33.7784, 25.7778



27.9906, 33.7784, 59.9527



39.4139, 33.7784, 50.5344

Rectangle

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



36.6048, 33.7784, 20.5102



29.7134, 33.7784, 18.8812



27.9906, 33.7784, 59.9527



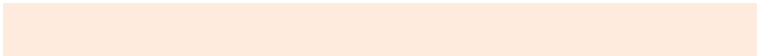
34.6223, 33.7784, 63.4409

Sweetspot

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



36.6056, 33.7800, 20.5109



83.9645, 85.6454, 81.1077



36.2997, 26.8381, 39.9235



17.6024, 17.8466, 16.4545



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.



36.6056, 33.7800, 20.5109



60.1712, 53.2049, 26.4835



44.0539, 48.6765, 22.9936



10.9596, 11.2883, 11.1640



16.8777, 11.2725, 1.2863



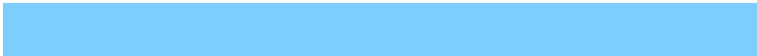
0.8689, 0.6732, 0.0841

Inverse Universe

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



30.7681, 34.9257, 58.5456



48.4394, 55.4546, 102.7585



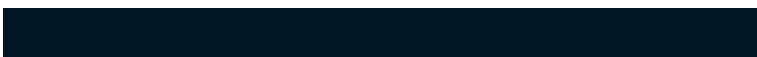
24.4917, 22.3729, 56.4535



10.5942, 11.3624, 13.5523



11.2844, 11.9628, 36.4587



0.6027, 0.7031, 1.7491

Previews

White Background



This preview shows how the XYZ color 36.6048, 33.7784, 20.5102 looks on a white background.

Color Contrast Check

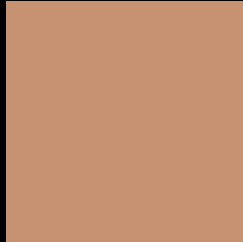
Large Text (above 18pt) WCAG AA × Fail

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 36.6048, 33.7784, 20.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

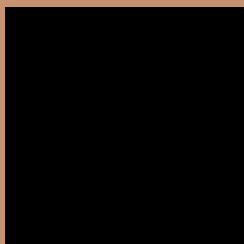
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6048, 33.7784, 20.5102

Background



This preview shows how black text looks on a background with the XYZ color 36.6048, 33.7784, 20.5102.



This preview shows how white text looks on a background with the XYZ color 36.6048, 33.7784,

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

36.6048, 33.7784, 20.5102

Protanopia

31.7489, 33.8809, 22.3191

Deuteranopia

34.5408, 33.8903, 20.3438



Tritanopia

39.5495, 33.8733, 34.1595

Trichromacy



Original Color

36.6048, 33.7784, 20.5102

Protanomaly

33.4245, 33.7701, 21.5862

Deuteranomaly

35.2139, 33.7635, 20.2838

Tritanomaly

38.4973, 33.8974, 28.5586

Monochromacy



Original Color

36.6048, 33.7784, 20.5102

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.6717, 33.9484, 30.3692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6048, 33.7784, 20.5102 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, 146, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 146, 114)  
}
```

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, 146, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 146, 114) }
```

Border

The CSS property to change the border of an element to XYZ 36.6048, 33.7784, 20.5102 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, 146, 114) }
```


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

```
.border{ border-color:rgb(198, 146, 114) }
```

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

Here you see how a box with a 4 pixel rgb(198, 146, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 146, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 146, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 146,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6048, 33.7784, 20.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 146, 114) }
```

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

```
.background{ background-color: rgb(198,  
146, 114) }
```

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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