

Converting Colors

XYZ(36.8050, 36.4662, 23.5112)

Have a look what the booklet for
XYZ(36.8050, 36.4662, 23.5112)
contains.

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Color

**XYZ(36.8050, 36.4662,
23.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9D7A
RGB	190, 157, 122
RGB Percent	75%, 62%, 48%
CMY	0.2549, 0.3843, 0.5216
CMYK	0.00, 0.17, 0.36, 0.25
HSL	31°, 34%, 61%
HSV	31°, 36%, 75%
XYZ	36.8050, 36.4662, 23.5112
YIQ	162.8770, 30.9030, -3.8890

Conversions

Conversions Part 2

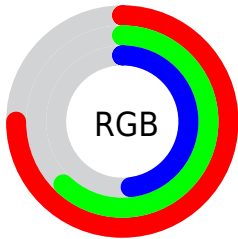
Format	Color
RYB	186, 190, 122
Decimal	12492154
CIELab	66.87, 7.22, 22.90
CIElCh	67, 24.012, 72.496
Yxy	36.4662, 0.3803, 0.3768
Android (android.graphics.Color)	4290682234 (0xFFBE9D7A)
YUV	162.8770, -20.1524, 23.7869
Hunter-Lab	60.3873, 3.1150, 19.1871

Details

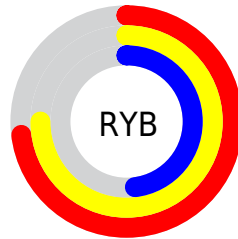
The XYZ color **36.8050, 36.4662, 23.5112** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0413, 31.2969, 53.2255**, and the grayscale version is **34.8373, 36.6516, 39.9136**.

A 20% lighter version of the original color is **69.6391, 69.9563, 50.3900**, and **16.3483, 15.9400, 8.5184** is the 20% darker color. If you saturate the color by 10%, you get **34.2397, 33.0390, 17.4049**, and if you desaturate by 10%, it is **39.7200, 40.2243, 30.8705**.

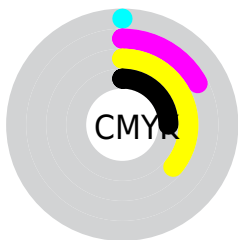
Distribution



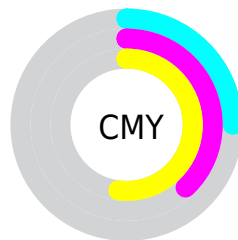
- Red (75%)
- Green (62%)
- Blue (48%)



- Red (73%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8050, 36.4662, 23.5112 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 36.8050, 36.4662, 23.5112 by changing the saturation by 10% instead.


 36.8050, 36.4662,
23.5112


 36.8050, 36.4662,
23.5112


323.8357,
330.9937, 283.5464


 25.2295, 24.7945,
14.7626


 69.5886, 69.7510,
50.1652

 16.3778, 15.9240,
8.5082


 91.5273, 92.1329,
68.9076

 9.8844, 9.4704,
4.3294


 117.6513,
118.8536, 91.8183

 5.3841, 5.0492,
1.8077

148.3257,
150.2976, 119.3160

 2.5114, 2.2762,
0.4330

183.9161,
186.8492, 151.8191

 0.9010, 0.7611,
0.0000

224.7876,

 0.0000, 0.0000,

228.8928, 189.7462

0.0000

271.3057,
276.8128, 233.5158

■ 36.8050, 36.4662,
23.5112

■ 36.8050, 36.4662,
23.5112

■ 34.2397, 33.0390,
17.4049

■ 39.7200, 40.2243,
30.8705

■ 32.0054, 29.9271,
12.4774

■ 42.9970, 44.3182,
39.5464

■ 30.0854, 27.1208,
8.6504


■ 46.6506, 48.7590,
49.6013

■ 28.4601, 24.6080,
5.8347


■ 50.6941, 53.5557,
61.0924

■ 27.1074, 22.3750,
3.9271


■ 55.1398, 58.7170,
74.0739


 25.9998, 20.4063,
2.7982

 59.9996, 64.2512,
88.5974

 25.5847, 19.6462,
2.4436

 65.2847, 70.1661,
104.7103

 67.7941, 75.1849,
105.5467

 70.4393, 80.4754,
106.4285

Harmonies

Analogous

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



40.0731, 36.4662, 27.6600



36.8050, 36.4662, 23.5112



33.1696, 36.4662, 23.1935

Triad

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



36.8050, 36.4662, 23.5112



28.2742, 36.4662, 44.1962



39.5994, 36.4662, 56.3688

Complementary

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



36.8050, 36.4662, 23.5112



29.0413, 31.2969, 53.2255

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.



36.1945, 36.4662, 62.6302



36.8050, 36.4662, 23.5112



29.7578, 36.4662, 54.8212

Square

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



36.8050, 36.4662, 23.5112



28.4124, 36.4662, 33.9842



32.6001, 36.4662, 62.0189



41.7623, 36.4662, 46.0354

Rectangle

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



36.8050, 36.4662, 23.5112



31.0390, 36.4662, 25.1023



32.6001, 36.4662, 62.0189



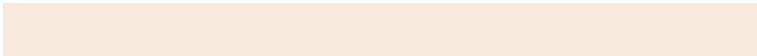
38.5523, 36.4662, 59.0945

Sweetspot

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



36.8059, 36.4679, 23.5119



80.8832, 83.9423, 79.7479



34.1957, 27.2669, 34.9135



17.5639, 18.1925, 16.9711



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.8059, 36.4679, 23.5119



62.9697, 61.1235, 33.6744



43.1616, 49.1792, 25.6305



9.9253, 10.3267, 10.0468



17.0913, 13.2214, 1.6512



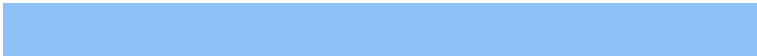
0.7347, 0.6484, 0.0864

Inverse Universe

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



29.0413, 31.2969, 53.2255



46.8068, 50.3618, 95.5329



24.2802, 21.7748, 51.6384



9.3883, 9.9689, 12.1016



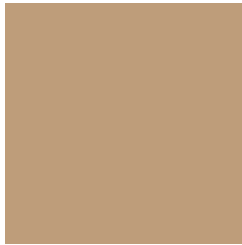
8.8142, 7.7401, 33.4223



0.4108, 0.4342, 1.3310

Previews

White Background



This preview shows how the XYZ color 36.8050, 36.4662, 23.5112 looks on a white background.

Color Contrast Check

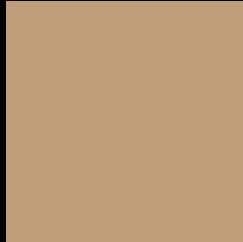
Large Text (above 18pt) WCAG AA × Fail

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 36.8050, 36.4662, 23.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

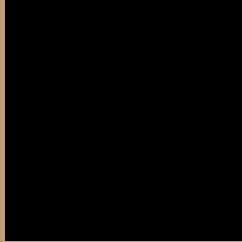
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8050, 36.4662, 23.5112

Background



This preview shows how black text looks on a background with the XYZ color 36.8050, 36.4662, 23.5112.



This preview shows how white text looks on a background with the XYZ color 36.8050, 36.4662,

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

36.8050, 36.4662, 23.5112

Protanopia

34.2544, 36.6737, 24.6754

Deuteranopia

37.1395, 36.3885, 23.4786



Tritanopia

39.9256, 36.2469, 39.5424

Trichromacy



Original Color

36.8050, 36.4662, 23.5112

Protanomaly

35.2054, 36.6483, 24.2871

Deuteranomaly

36.8872, 36.2584, 23.4668

Tritanomaly

38.7288, 36.2580, 32.9742

Monochromacy



Original Color

36.8050, 36.4662, 23.5112

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3237, 36.5121, 33.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8050, 36.4662, 23.5112 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(190, 157, 122)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 122)  
}
```

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(190, 157, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 122) }
```

Border

The CSS property to change the border of an element to XYZ 36.8050, 36.4662, 23.5112 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(190, 157, 122) }
```


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

```
.border{ border-color:rgb(190, 157, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 122);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8050, 36.4662, 23.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 122) }
```

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

```
.background{ background-color: rgb(190,  
157, 122) }
```

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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