

Converting Colors

XYZ(35.1814, 33.0222, 15.7329)

Have a look what the booklet for
XYZ(35.1814, 33.0222, 15.7329)
contains.

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Color

**XYZ(35.0480, 32.8496,
15.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	C49161
RGB	196, 145, 97
RGB Percent	77%, 57%, 38%
CMY	0.2314, 0.4314, 0.6196
CMYK	0.00, 0.26, 0.51, 0.23
HSL	29°, 46%, 57%
HSV	29°, 51%, 77%
XYZ	35.0480, 32.8496, 15.8026
YIQ	154.7770, 45.8040, -4.1160

Conversions

Conversions Part 2

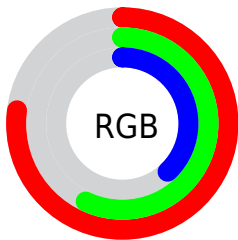
Format	Color
RYB	196, 190, 97
Decimal	12882273
CIELab	64.04, 13.55, 32.89
CIELCh	64, 35.576, 67.611
Yxy	32.8496, 0.4187, 0.3925
Android (android.graphics.Color)	4291072353 (0xFFC49161)
YUV	154.7770, -28.4841, 36.1526
Hunter-Lab	57.3146, 8.8527, 23.7729

Details

The XYZ color **35.0480, 32.8496, 15.8026** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.4830, 27.7055, 56.2290**, and the grayscale version is **31.1655, 32.7886, 35.7068**.

A 20% lighter version of the original color is **67.0087, 64.2450, 36.8858**, and **15.4618, 13.9816, 4.7895** is the 20% darker color. If you saturate the color by 10%, you get **32.7700, 29.5798, 11.0780**, and if you desaturate by 10%, it is **37.6906, 36.4871, 21.7632**.

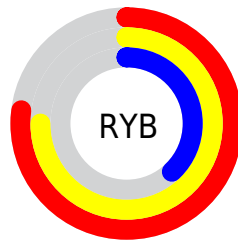
Distribution



Red (77%)

Green (57%)

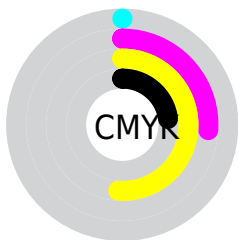
Blue (38%)



Red (77%)

Yellow (75%)

Blue (38%)

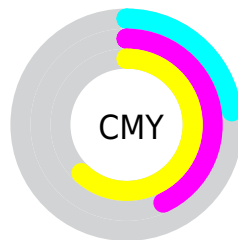


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0480, 32.8496, 15.8026 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 35.0480, 32.8496, 15.8026 by changing the saturation by 10% instead.


 35.0480, 32.8496,
15.8026


 35.0480, 32.8496,
15.8026


316.2845,
314.9715, 239.9799


 23.8665, 22.0113,
9.2317


 66.8937, 64.1406,
37.0172

 15.3588, 13.8652,
4.7938


 88.2886, 85.3621,
52.4980

 9.1596, 8.0269,
2.0702


 113.8187,
110.8135, 71.7858

 4.9034, 4.1122,
0.5979

 143.8493,
140.8790, 95.2993

 2.2248, 1.7365,
0.0000

178.7458,
175.9432, 123.4569

 0.7558, 0.4471,
0.0000

218.8736,

 0.0000, 0.0000,

216.3904, 156.6771

0.0000

264.5981,
262.6050, 195.3786

■ 35.0480, 32.8496,
15.8026

■ 35.0480, 32.8496,
15.8026

■ 32.7700, 29.5798,
11.0780

■ 37.6906, 36.4871,
21.7632

■ 30.8335, 26.6591,
7.4972

■ 40.7139, 40.5005,
29.0392

■ 29.2165, 24.0740,
4.9577

■ 44.1359, 44.9035,
37.7054

■ 27.8921, 21.8075,
3.3376

■ 47.9728, 49.7077,
47.8305

■ 26.8606, 19.9272,
2.4306

■ 52.2394, 54.9240,
59.4786

■ 56.9501, 60.5629,
72.7099

■ 62.1184, 66.6345,
87.5813

■ 67.7573, 73.1484,
104.1469

■ 70.7728, 78.8716,
106.1014

Harmonies

Analogous

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



39.5162, 32.8496, 21.4021



35.0480, 32.8496, 15.8026



29.9607, 32.8496, 14.7582

Triad

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



35.0480, 32.8496, 15.8026



22.5939, 32.8496, 39.5580



37.4962, 32.8496, 62.4611

Complementary

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



35.0480, 32.8496, 15.8026



25.4830, 27.7055, 56.2290

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.



32.5194, 32.8496, 70.7896



35.0480, 32.8496, 15.8026



24.1790, 32.8496, 55.4455

Square

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



35.0480, 32.8496, 15.8026



23.1161, 32.8496, 26.2319



27.6861, 32.8496, 67.9262



41.0320, 32.8496, 47.3726

Rectangle

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



35.0480, 32.8496, 15.8026



26.9565, 32.8496, 16.4286



27.6861, 32.8496, 67.9262



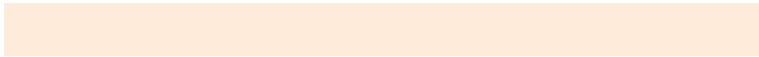
35.9165, 32.8496, 66.3059

Sweetspot

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



35.0488, 32.8512, 15.8032



83.5254, 85.8438, 77.6425



32.3969, 22.4283, 30.7011



17.5622, 17.9780, 15.7881



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.



35.0488, 32.8512, 15.8032



58.8194, 52.7809, 19.0051



44.2923, 51.3383, 18.8844



10.4672, 10.8659, 10.6075



17.3447, 12.9751, 1.5903



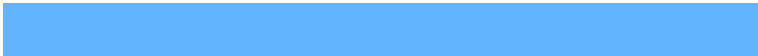
0.8184, 0.6986, 0.0917

Inverse Universe

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



25.4830, 27.7055, 56.2290



39.4804, 42.3691, 100.7050



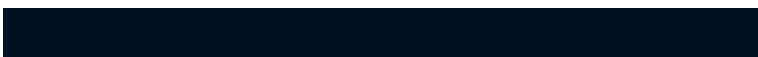
19.3226, 15.3847, 54.1755



9.9477, 10.5868, 12.8040



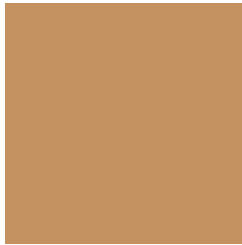
9.4765, 8.7095, 34.7382



0.4782, 0.5139, 1.5239

Previews

White Background



This preview shows how the XYZ color 35.0480, 32.8496, 15.8026 looks on a white background.

Color Contrast Check

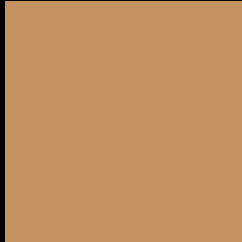
Large Text (above 18pt) WCAG AA × Fail

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 35.0480, 32.8496, 15.8026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

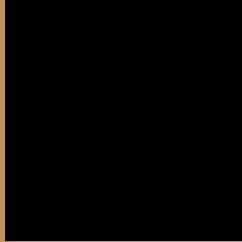
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0480, 32.8496, 15.8026

Background



This preview shows how black text looks on a background with the XYZ color 35.0480, 32.8496, 15.8026.



This preview shows how white text looks on a background with the XYZ color 35.0480, 32.8496,

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

35.0480, 32.8496, 15.8026

Protanopia

30.4325, 32.8173, 17.0423

Deuteranopia

33.5978, 33.0308, 15.6711



Tritanopia

38.3327, 32.6262, 32.7109

Trichromacy



Original Color

35.0480, 32.8496, 15.8026

Protanomaly

31.9573, 32.6370, 16.6718

Deuteranomaly

34.1871, 33.1007, 15.6536

Tritanomaly

37.1073, 32.8036, 25.4950

Monochromacy



Original Color

35.0480, 32.8496, 15.8026

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.9472, 32.4005, 27.1244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0480, 32.8496, 15.8026 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, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 97)  
}
```

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, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 97) }
```

Border

The CSS property to change the border of an element to XYZ 35.0480, 32.8496, 15.8026 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, 145, 97) }
```


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

```
.border{ border-color:rgb(196, 145, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0480, 32.8496, 15.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 97) }
```

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

```
.background{ background-color: rgb(196,  
145, 97) }
```

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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