

Converting Colors

XYZ(35.9520, 32.4850, 12.3379)

Have a look what the booklet for
XYZ(35.9520, 32.4850, 12.3379)
contains.

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Color

**XYZ(35.9497, 32.4963,
12.3603)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8D52
RGB	204, 141, 82
RGB Percent	80%, 55%, 32%
CMY	0.2000, 0.4470, 0.6784
CMYK	0.00, 0.31, 0.60, 0.20
HSL	29°, 54%, 56%
HSV	29°, 60%, 80%
XYZ	35.9497, 32.4963, 12.3603
YIQ	153.1110, 56.4870, -4.9930

Conversions

Conversions Part 2

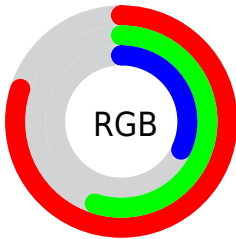
Format	Color
R_{YB}	204, 196, 82
Decimal	13405522
CIE _{Lab}	63.75, 17.84, 40.66
CIE _{LCh}	64, 44.404, 66.310
Yxy	32.4963, 0.4449, 0.4022
Android (android.graphics.Color)	4291595602 (0xFFCC8D52)
YUV	153.1110, -35.0577, 44.6297
Hunter-Lab	57.0055, 12.8087, 27.0482

Details

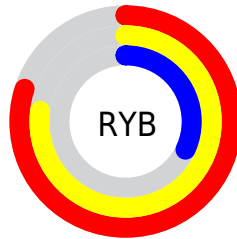
The XYZ color **35.9497, 32.4963, 12.3603** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.5036, 26.4030, 60.9313**, and the grayscale version is **30.4580, 32.0442, 34.8961**.

A 20% lighter version of the original color is **64.9887, 61.9837, 30.7291**, and **15.8839, 13.7087, 3.3222** is the 20% darker color. If you saturate the color by 10%, you get **33.8059, 29.2719, 8.3686**, and if you desaturate by 10%, it is **38.4735, 36.1118, 17.6176**.

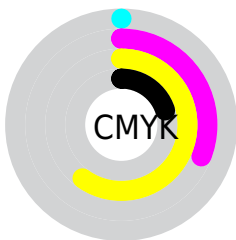
Distribution



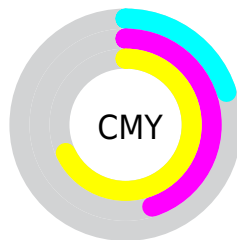
- Red (80%)
- Green (55%)
- Blue (32%)



- Red (80%)
- Yellow (77%)
- Blue (32%)



- Cyan (0%)
- Magenta (31%)
- Yellow (60%)
- Black (20%)




- Cyan (20%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9497, 32.4963, 12.3603 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 35.9497, 32.4963, 12.3603 by changing the saturation by 10% instead.


 35.9497, 32.4963,
12.3603


 35.9497, 32.4963,
12.3603


320.1757,
313.3739, 217.8381


 24.5653, 21.7409,
6.8640


 68.2788, 63.5883,
30.8238


 15.8805, 13.6666,
3.3001


 89.9542, 84.6937,
44.6281


 9.5299, 7.8892,
1.2498


 115.7906,
110.0178, 62.0389

 5.1483, 4.0241,
0.0201

 146.1534,
139.9451, 83.4746

 2.3702, 1.6871,
0.0000

 181.4080,
174.8600, 109.3538

 0.8302, 0.4153,
0.0000

221.9197,

 0.0000, 0.0000,

215.1468, 140.0951

0.0000

268.0538,
261.1900, 176.1170

■ 35.9497, 32.4963,
12.3603

■ 35.9497, 32.4963,
12.3603

■ 33.8059, 29.2719,
8.3686

■ 38.4735, 36.1118,
17.6176

■ 32.0145, 26.4169,
5.5280

■ 41.3976, 40.1287,
24.2376

■ 30.5472, 23.9146,
3.7058

■ 44.7431, 44.5630,
32.3100

■ 29.3536, 21.7375,
2.6602

■ 48.5290, 49.4280,
41.9164

■ 29.3318, 21.6974,
2.6421

■ 52.7728, 54.7365,
53.1320

■ 57.4912, 60.5005,
66.0272

■ 62.6997, 66.7316,
80.6681

■ 68.4133, 73.4410,
97.1173

■ 72.8919, 79.9376,
106.1954

Harmonies

Analogous

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



41.5706, 32.4963, 18.7186



35.9497, 32.4963, 12.3603



29.5898, 32.4963, 11.0777

Triad

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



35.9497, 32.4963, 12.3603



20.4521, 32.4963, 39.2859



38.5304, 32.4963, 70.8173

Complementary

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



35.9497, 32.4963, 12.3603



24.5036, 26.4030, 60.9313

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.



32.2211, 32.4963, 81.5603



35.9497, 32.4963, 12.3603



22.2108, 32.4963, 59.8105

Square

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



35.9497, 32.4963, 12.3603



21.1715, 32.4963, 23.3199



26.3230, 32.4963, 76.9712



43.1950, 32.4963, 51.0200

Rectangle

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



35.9497, 32.4963, 12.3603



25.8796, 32.4963, 12.6918



26.3230, 32.4963, 76.9712



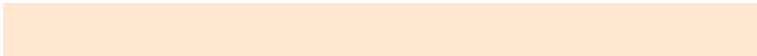
36.5014, 32.4963, 75.8642

Sweetspot

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



35.9505, 32.4979, 12.3609



81.4208, 83.1880, 72.1521



33.0326, 20.9175, 29.0983



17.0077, 17.2739, 14.3553



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.



35.9505, 32.4979, 12.3609



54.9953, 46.9302, 12.1886



47.5374, 55.6718, 16.2232



11.6526, 12.0942, 11.7997



18.5542, 13.8414, 1.6937



1.0331, 0.8658, 0.1127

Inverse Universe

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



24.5036, 26.4030, 60.9313



34.3510, 35.9209, 99.7307



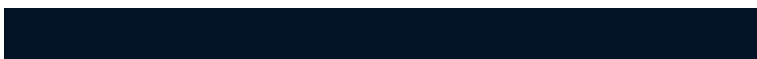
17.5519, 12.4996, 58.6140



11.0728, 11.7861, 14.2617



10.1548, 9.3336, 37.2226



0.5997, 0.6331, 1.9455

Previews

White Background



This preview shows how the XYZ color 35.9497, 32.4963, 12.3603 looks on a white background.

Color Contrast Check

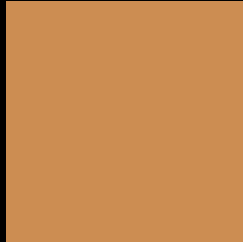
Large Text (above 18pt) WCAG AA × Fail

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 35.9497, 32.4963, 12.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

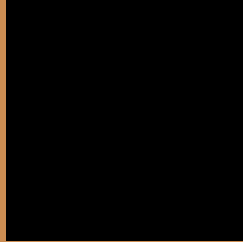
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9497, 32.4963, 12.3603

Background



This preview shows how black text looks on a background with the XYZ color 35.9497, 32.4963, 12.3603.



This preview shows how white text looks on a background with the XYZ color 35.9497, 32.4963,

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

35.9497, 32.4963, 12.3603

Protanopia

30.0192, 32.6769, 13.7419

Deuteranopia

33.1541, 32.4087, 12.2927



Tritanopia

39.8536, 32.6191, 30.5812

Trichromacy



Original Color

35.9497, 32.4963, 12.3603

Protanomaly

31.8374, 32.4137, 13.1728

Deuteranomaly

34.1163, 32.4470, 12.2494

Tritanomaly

38.1290, 32.5372, 22.3599

Monochromacy



Original Color

35.9497, 32.4963, 12.3603

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5915, 31.7979, 24.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9497, 32.4963, 12.3603 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(204, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 141, 82)  
}
```

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(204, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 141, 82) }
```

Border

The CSS property to change the border of an element to XYZ 35.9497, 32.4963, 12.3603 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(204, 141, 82) }
```


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

```
.border{ border-color:rgb(204, 141, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 141, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 141,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9497, 32.4963, 12.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 141, 82) }
```

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

```
.background{ background-color: rgb(204,  
141, 82) }
```

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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