

Converting Colors

XYZ(35.6061, 30.2912, 15.6521)

Have a look what the booklet for
XYZ(35.6061, 30.2912, 15.6521)
contains.

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Color

**XYZ(35.6802, 30.3825,
15.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8463
RGB	205, 132, 99
RGB Percent	80%, 52%, 39%
CMY	0.1961, 0.4823, 0.6118
CMYK	0.00, 0.36, 0.52, 0.20
HSL	19°, 51%, 60%
HSV	19°, 52%, 80%
XYZ	35.6802, 30.3825, 15.7882
YIQ	150.0650, 54.1010, 5.2130

Conversions

Conversions Part 2

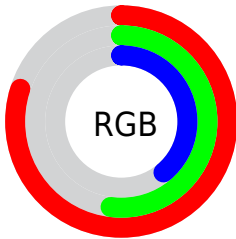
Format	Color
R _Y B	205, 147, 99
Decimal	13468771
CIE Lab	61.98, 24.56, 29.38
CIE LCh	62, 38.292, 50.112
Yxy	30.3825, 0.4359, 0.3712
Android (android.graphics.Color)	4291658851 (0xFFCD8463)
YUV	150.0650, -25.1750, 48.1780
Hunter-Lab	55.1203, 19.0851, 21.6017

Details

The XYZ color **35.6802, 30.3825, 15.7882** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9167, 36.5636, 63.1854**, and the grayscale version is **29.1051, 30.6209, 33.3461**.

A 20% lighter version of the original color is **64.3039, 58.5798, 36.7720**, and **15.6697, 12.4856, 4.8329** is the 20% darker color. If you saturate the color by 10%, you get **33.0353, 26.4670, 10.6698**, and if you desaturate by 10%, it is **38.8345, 34.9186, 22.3041**.

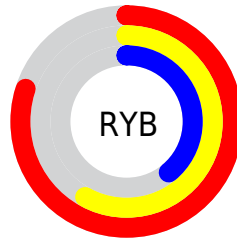
Distribution



Red (80%)

Green (52%)

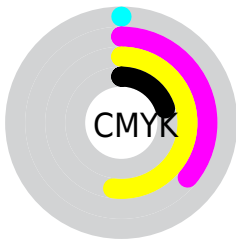
Blue (39%)



Red (80%)

Yellow (58%)

Blue (39%)

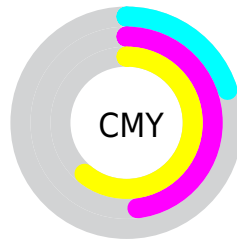


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (20%)



Cyan (20%)


Magenta (48%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6802, 30.3825, 15.7882 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 35.6802, 30.3825, 15.7882 by changing the saturation by 10% instead.


 35.6802, 30.3825,
15.7882

 35.6802, 30.3825,
15.7882


319.0163,
303.6833, 239.8916


 24.3563, 20.1291,
9.2217


 67.8653, 60.2666,
36.9918

 15.7243, 12.4889,
4.7873


 89.4571, 80.6660,
52.4659

 9.4189, 7.0776,
2.0664


 115.2024,
105.2162, 71.7463

 5.0747, 3.5107,
0.5957

 145.4663,
134.3017, 95.2516

 2.3264, 1.4038,
0.0000

180.6143,
168.3067, 123.4002

 0.8081, 0.2195,
0.0000

221.0117,

 0.0000, 0.0000,

207.6157, 156.6107

0.0000

267.0239,
252.6131, 195.3016

■ 35.6802, 30.3825,
15.7882

■ 35.6802, 30.3825,
15.7882

■ 33.0353, 26.4670,
10.6698

■ 38.8345, 34.9186,
22.3041

■ 30.8679, 23.1393,
6.8426

■ 42.5228, 40.0973,
30.3097

■ 29.1457, 20.3701,
4.1875

■ 46.7708, 45.9447,
39.8911

■ 27.8306, 18.1250,
2.5620

■ 51.6018, 52.4843,
51.1274

■ 27.0006, 16.6268,
1.7862

■ 57.0377, 59.7384,
64.0923

■ 63.0991, 67.7280,
78.8550

■ 69.8058, 76.4735,
95.4810

■ 75.8613, 85.4682,
107.1064

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



39.1716, 30.3825, 24.2833



35.6802, 30.3825, 15.7882



30.6058, 30.3825, 12.3185

Triad

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



35.6802, 30.3825, 15.7882



20.2055, 30.3825, 28.4612



32.4058, 30.3825, 67.3526

Complementary

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



35.6802, 30.3825, 15.7882



30.9167, 36.5636, 63.1854

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.



27.2158, 30.3825, 69.4685



35.6802, 30.3825, 15.7882



20.5664, 30.3825, 43.7830

Square

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



35.6802, 30.3825, 15.7882



21.9478, 30.3825, 18.0647



22.9998, 30.3825, 59.8528



37.1314, 30.3825, 54.7189

Rectangle

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



35.6802, 30.3825, 15.7882



27.1794, 30.3825, 12.3285



22.9998, 30.3825, 59.8528



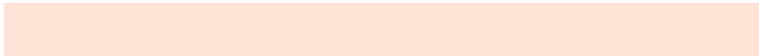
30.6453, 30.3825, 69.4371

Sweetspot

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



35.6809, 30.3840, 15.7888



80.8459, 81.0108, 75.1279



37.2009, 24.9279, 42.4876



16.9537, 16.8645, 15.2661



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.



35.6809, 30.3840, 15.7888



53.6915, 42.7182, 16.7004



44.5279, 48.0779, 18.7378



11.4926, 11.7741, 11.7463



16.8841, 10.5012, 1.1370



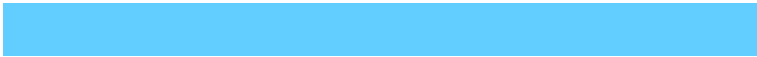
0.9390, 0.6776, 0.0813

Inverse Universe

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



30.9167, 36.5636, 63.1854



44.9857, 53.7891, 102.6191



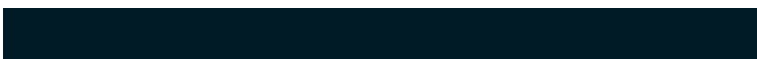
22.9058, 20.5418, 60.5150



11.2371, 12.1147, 14.3165



12.8932, 14.8104, 38.1354



0.7309, 0.8955, 1.9893

Previews

White Background



This preview shows how the XYZ color 35.6802, 30.3825, 15.7882 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 35.6802, 30.3825, 15.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

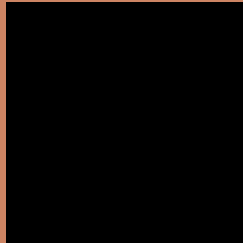
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6802, 30.3825, 15.7882

Background



This preview shows how black text looks on a background with the XYZ color 35.6802, 30.3825, 15.7882.



This preview shows how white text looks on a background with the XYZ color 35.6802, 30.3825,

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

35.6802, 30.3825, 15.7882

Protanopia

28.4082, 30.5347, 18.0322

Deuteranopia

31.1870, 30.6333, 15.5784



Tritanopia

38.0457, 30.3662, 27.1486

Trichromacy



Original Color

35.6802, 30.3825, 15.7882

Protanomaly

30.6307, 30.0892, 17.0253

Deuteranomaly

32.8179, 30.5852, 15.7291

Tritanomaly

37.1575, 30.3960, 22.6475

Monochromacy



Original Color

35.6802, 30.3825, 15.7882

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.4968, 29.8297, 25.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6802, 30.3825, 15.7882 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(205, 132, 99)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 99)  
}
```

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(205, 132, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 99) }
```

Border

The CSS property to change the border of an element to XYZ 35.6802, 30.3825, 15.7882 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(205, 132, 99) }
```


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

```
.border{ border-color:rgb(205, 132, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 132, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 99);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6802, 30.3825, 15.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 99) }
```

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

```
.background{ background-color: rgb(205,  
132, 99) }
```

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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