

Converting Colors

XYZ(35.3714, 30.1072, 11.9296)

Have a look what the booklet for
XYZ(35.3714, 30.1072, 11.9296)
contains.

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Color

**XYZ(35.3714, 30.1072,
11.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8352
RGB	207, 131, 82
RGB Percent	81%, 51%, 32%
CMY	0.1882, 0.4863, 0.6784
CMYK	0.00, 0.37, 0.60, 0.19
HSL	24°, 57%, 57%
HSV	24°, 60%, 81%
XYZ	35.3714, 30.1072, 11.9296
YIQ	148.1380, 61.0250, 0.8730

Conversions

Conversions Part 2

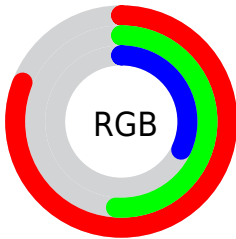
Format	Color
R_{YB}	207, 163, 82
Decimal	13599570
CIE _{Lab}	61.75, 24.53, 38.34
CIE _{LCh}	62, 45.520, 57.391
Yxy	30.1072, 0.4569, 0.3889
Android (android.graphics.Color)	4291789650 (0xFFCF8352)
YUV	148.1380, -32.6060, 51.6220
Hunter-Lab	54.8700, 19.0456, 25.5184

Details

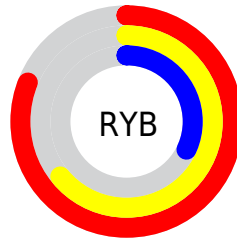
The XYZ color **35.3714, 30.1072, 11.9296** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **26.9682, 30.7508, 63.5453**, and the grayscale version is **28.3206, 29.7955, 32.4473**.

A 20% lighter version of the original color is **62.6141, 57.2344, 29.9375**, and **15.6402, 12.3958, 3.1584** is the 20% darker color. If you saturate the color by 10%, you get **33.1106, 26.6618, 7.8587**, and if you desaturate by 10%, it is **38.0765, 34.0613, 17.3211**.

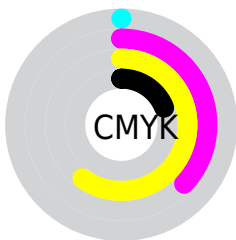
Distribution



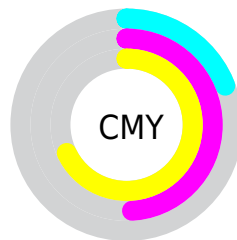
- Red (81%)
- Green (51%)
- Blue (32%)



- Red (81%)
- Yellow (64%)
- Blue (32%)



- Cyan (0%)
- Magenta (37%)
- Yellow (60%)
- Black (19%)





- Cyan (19%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3714, 30.1072, 11.9296 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 35.3714, 30.1072, 11.9296 by changing the saturation by 10% instead.


 35.3714, 30.1072,
11.9296


 35.3714, 30.1072,
11.9296


317.6840,
302.4038, 214.9000


 24.1170, 19.9200,
6.5738


 67.3910, 59.8317,
30.0293

 15.5456, 12.3369,
3.1226


 88.8868, 80.1377,
43.6103


 9.2920, 6.9735,
1.1576


 114.5272,
104.5854, 60.7701

 4.9908, 3.4456,
0.0000

 144.6774,
133.5593, 81.9272

 2.2765, 1.3685,
0.0000

 179.7028,
167.4437, 107.5002

 0.7826, 0.1934,
0.0000

219.9688,

 0.0000, 0.0000,

206.6230, 137.9077

0.0000

265.8408,
251.4815, 173.5681

■ 35.3714, 30.1072,
11.9296

■ 35.3714, 30.1072,
11.9296

■ 33.1106, 26.6618,
7.8587

■ 38.0765, 34.0613,
17.3211

■ 31.2625, 23.6971,
4.9878

■ 41.2502, 38.5413,
24.1359

■ 29.7939, 21.1885,
3.1767

■ 44.9171, 43.5687,
32.4683

■ 28.6858, 19.1729,
2.1888

■ 49.0995, 49.1628,
42.4040

■ 53.8180, 55.3414,
54.0222

■ 59.0923, 62.1219,
67.3969

■ 64.9407, 69.5205,
82.5975

■ 71.3810, 77.5530,
99.6897

■ 76.2134, 85.3482,
107.0647

Harmonies

Analogous

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



40.2686, 30.1072, 19.6927



35.3714, 30.1072, 11.9296



29.1501, 30.1072, 9.4575

Triad

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



35.3714, 30.1072, 11.9296



18.4762, 30.1072, 31.2848



34.3230, 30.1072, 72.2729

Complementary

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



35.3714, 30.1072, 11.9296



26.9682, 30.7508, 63.5453

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.



28.0884, 30.1072, 78.7404



35.3714, 30.1072, 11.9296



19.4608, 30.1072, 50.6713

Square

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



35.3714, 30.1072, 11.9296



19.8742, 30.1072, 17.8769



22.7806, 30.1072, 69.7282



39.6057, 30.1072, 54.2735

Rectangle

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



35.3714, 30.1072, 11.9296



25.2702, 30.1072, 10.1240



22.7806, 30.1072, 69.7282



32.2448, 30.1072, 76.0946

Sweetspot

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



35.3721, 30.1087, 11.9302



80.2560, 80.8584, 71.7638



35.0146, 21.8062, 35.2024



16.7250, 16.7085, 14.2611



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.



35.3721, 30.1087, 11.9302



52.2697, 41.4790, 11.2801



46.1962, 51.7569, 15.5382



12.1835, 12.5576, 12.3938



18.1595, 12.2520, 1.4078



1.0917, 0.8378, 0.1042

Inverse Universe

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



26.9682, 30.7508, 63.5453



37.6158, 42.4504, 100.8189



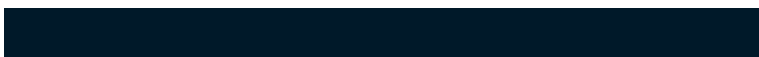
18.9786, 14.7717, 60.8821



11.7531, 12.5965, 15.0556



11.8787, 12.4040, 38.9606



0.7402, 0.8456, 2.2038

Previews

White Background



This preview shows how the XYZ color 35.3714, 30.1072, 11.9296 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 35.3714, 30.1072, 11.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

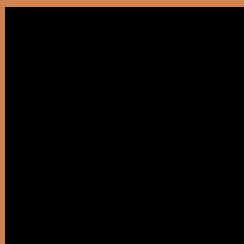
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3714, 30.1072, 11.9296

Background



This preview shows how black text looks on a background with the XYZ color 35.3714, 30.1072, 11.9296.



This preview shows how white text looks on a background with the XYZ color 35.3714, 30.1072,

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

35.3714, 30.1072, 11.9296

Protanopia

28.0194, 30.4265, 13.8473

Deuteranopia

30.7622, 30.2767, 11.6198



Tritanopia

38.5007, 30.2373, 26.3614

Trichromacy



Original Color

35.3714, 30.1072, 11.9296

Protanomaly

30.3246, 30.0201, 13.0003

Deuteranomaly

32.4188, 30.2509, 11.7198

Tritanomaly

37.2622, 30.1182, 20.0691

Monochromacy



Original Color

35.3714, 30.1072, 11.9296

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6733, 29.2363, 23.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3714, 30.1072, 11.9296 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(207, 131, 82)` looks like.

```
.text, #text, p{  
    color:rgb(207, 131, 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(207, 131, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 131, 82) }
```

Border

The CSS property to change the border of an element to XYZ 35.3714, 30.1072, 11.9296 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(207, 131, 82) }
```


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

```
.border{ border-color:rgb(207, 131, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 131, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 131, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 131, 82);  
box-shadow:4px 4px 4px 4px rgb(207, 131,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3714, 30.1072, 11.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 131, 82) }
```

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

```
.background{ background-color: rgb(207,  
131, 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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