

Converting Colors

XYZ(35.7060, 32.8995, 18.6557)

Have a look what the booklet for
XYZ(35.7060, 32.8995, 18.6557)
contains.

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Color

**XYZ(35.7060, 32.8995,
18.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	C5906C
RGB	197, 144, 108
RGB Percent	77%, 56%, 42%
CMY	0.2275, 0.4353, 0.5765
CMYK	0.00, 0.27, 0.45, 0.23
HSL	24°, 43%, 60%
HSV	24°, 45%, 77%
XYZ	35.7060, 32.8995, 18.6557
YIQ	155.7430, 43.1440, 0.0400

Conversions

Conversions Part 2

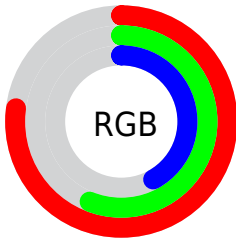
Format	Color
R _Y B	197, 168, 108
Decimal	12947564
CIE Lab	64.08, 15.61, 26.99
CIE LCh	64, 31.173, 59.959
Yxy	32.8995, 0.4092, 0.3770
Android (android.graphics.Color)	4291137644 (0xFFC5906C)
YUV	155.7430, -23.5373, 36.1824
Hunter-Lab	57.3581, 10.7414, 20.8666

Details

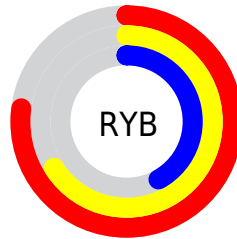
The XYZ color **35.7060, 32.8995, 18.6557** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0068, 32.7079, 57.6077**, and the grayscale version is **31.5741, 33.2185, 36.1749**.

A 20% lighter version of the original color is **67.7792, 64.1862, 42.0745**, and **15.7145, 13.8177, 6.1138** is the 20% darker color. If you saturate the color by 10%, you get **33.0885, 29.1570, 13.1820**, and if you desaturate by 10%, it is **38.7467, 37.1092, 25.4398**.

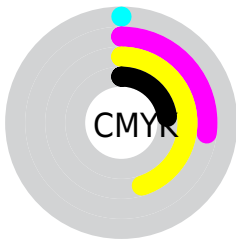
Distribution



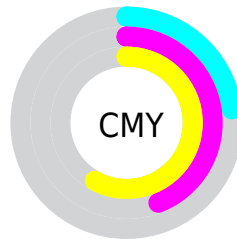
- Red (77%)
- Green (56%)
- Blue (42%)



- Red (77%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7060, 32.8995, 18.6557 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 35.7060, 32.8995, 18.6557 by changing the saturation by 10% instead.


 35.7060, 32.8995,
18.6557


 35.7060, 32.8995,
18.6557


319.1274,
315.1966, 256.9005


 24.3763, 22.0495,
11.2475


 67.9049, 64.2186,
41.9804


 15.7392, 13.8933,
6.1173


 89.5048, 85.4564,
58.7340

 9.4295, 8.0465,
2.8466


 115.2587,
110.9257, 79.4398

 5.0817, 4.1247,
1.0168

 145.5321,
141.0107, 104.5163

 2.3305, 1.7436,
0.0000

180.6904,
176.0959, 134.3820

 0.8102, 0.4516,
0.0000

221.0987,

 0.0000, 0.0000,

216.5657, 169.4556

0.0000

267.1226,
262.8045, 210.1556

■ 35.7060, 32.8995,
18.6557

■ 35.7060, 32.8995,
18.6557

■ 33.0885, 29.1570,
13.1820

■ 38.7467, 37.1092,
25.4398

■ 30.8699, 25.8592,
8.9299

■ 42.2282, 41.7980,
33.6114

■ 29.0270, 22.9887,
5.8022


■ 46.1699, 46.9832,
43.2436


■ 27.5326, 20.5247,
3.6860


■ 50.5893, 52.6795,
54.4041


■ 26.3543, 18.4438,
2.4438


■ 55.5027, 58.9013,
67.1562

 25.8723, 17.5630,
2.0264

 60.9260, 65.6622,
81.5594

 66.8740, 72.9754,
97.6705

 71.6066, 80.1517,
106.3045

 75.1311, 87.2007,
107.4793

Harmonies

Analogous

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



39.1994, 32.8995, 25.0202



35.7060, 32.8995, 18.6557



31.2761, 32.8995, 16.6244

Triad

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



35.7060, 32.8995, 18.6557



23.5400, 32.8995, 35.8044



35.6944, 32.8995, 61.2237

Complementary

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



35.7060, 32.8995, 18.6557



29.0068, 32.7079, 57.6077

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.



31.2639, 32.8995, 65.9759



35.7060, 32.8995, 18.6557



24.4892, 32.8995, 49.3559

Square

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



35.7060, 32.8995, 18.6557



24.4944, 32.8995, 24.9963



27.2175, 32.8995, 61.1986



39.1923, 32.8995, 49.3936

Rectangle

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



35.7060, 32.8995, 18.6557



28.4663, 32.8995, 17.5133



27.2175, 32.8995, 61.1986



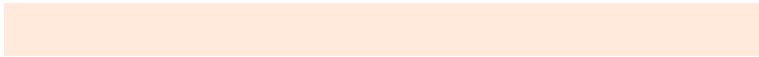
34.2519, 32.8995, 63.8104

Sweetspot

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



35.7068, 32.9011, 18.6563



83.4152, 85.0892, 79.2525



34.8571, 25.1831, 36.9274



17.5040, 17.7564, 16.0928



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.



35.7068, 32.9011, 18.6563



59.4132, 52.4406, 23.9129



43.7374, 48.9623, 21.3332



10.9802, 11.3296, 11.1709



17.0947, 11.7066, 1.3586



0.8802, 0.6958, 0.0879

Inverse Universe

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



29.0068, 32.7079, 57.6077



45.9178, 52.0053, 102.2256



22.6123, 19.9190, 55.4763



10.5729, 11.3199, 13.5452



10.9200, 11.2340, 36.3372



0.5868, 0.6714, 1.7438

Previews

White Background



This preview shows how the XYZ color 35.7060, 32.8995, 18.6557 looks on a white background.

Color Contrast Check

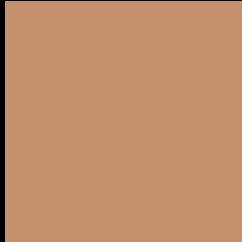
Large Text (above 18pt) WCAG AA × Fail

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 35.7060, 32.8995, 18.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

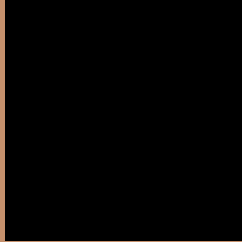
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7060, 32.8995, 18.6557

Background



This preview shows how black text looks on a background with the XYZ color 35.7060, 32.8995, 18.6557.



This preview shows how white text looks on a background with the XYZ color 35.7060, 32.8995,

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

35.7060, 32.8995, 18.6557

Protanopia

30.6383, 32.8504, 20.3487

Deuteranopia

33.6510, 32.9955, 18.5051



Tritanopia

38.7448, 33.0527, 32.7715

Trichromacy



Original Color

35.7060, 32.8995, 18.6557

Protanomaly

32.2959, 32.7459, 19.6573

Deuteranomaly

34.3228, 32.8761, 18.4466

Tritanomaly

37.6474, 33.0503, 26.9494

Monochromacy



Original Color

35.7060, 32.8995, 18.6557

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.6830, 32.9785, 29.0690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7060, 32.8995, 18.6557 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(197, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 108)  
}
```

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(197, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 108) }
```

Border

The CSS property to change the border of an element to XYZ 35.7060, 32.8995, 18.6557 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(197, 144, 108) }
```


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

```
.border{ border-color:rgb(197, 144, 108) }
```

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

Here you see how a box with a 4 pixel rgb(197, 144, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7060, 32.8995, 18.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 108) }
```

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

```
.background{ background-color: rgb(197,  
144, 108) }
```

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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