

Converting Colors

XYZ(35.6656, 31.3217, 10.7079)

Have a look what the booklet for
XYZ(35.6656, 31.3217, 10.7079)
contains.

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Color

**XYZ(35.7723, 31.3681,
10.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	CF884A
RGB	207, 136, 74
RGB Percent	81%, 53%, 29%
CMY	0.1882, 0.4666, 0.7098
CMYK	0.00, 0.34, 0.64, 0.19
HSL	28°, 58%, 55%
HSV	28°, 64%, 81%
XYZ	35.7723, 31.3681, 10.6478
YIQ	150.1610, 62.2180, -4.2300

Conversions

Conversions Part 2

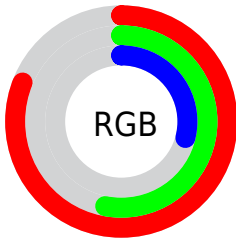
Format	Color
RYB	207, 190, 74
Decimal	13600842
CIELab	62.82, 21.27, 43.75
CIELCh	63, 48.645, 64.071
Yxy	31.3681, 0.4599, 0.4033
Android (android.graphics.Color)	4291790922 (0xFFCF884A)
YUV	150.1610, -37.5474, 49.8478
Hunter-Lab	56.0072, 15.9968, 27.9332

Details

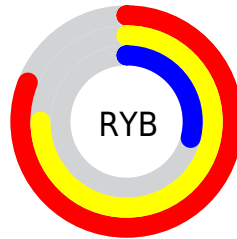
The XYZ color **35.7723, 31.3681, 10.6478** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.2113, 26.2103, 62.8142**, and the grayscale version is **29.1945, 30.7149, 33.4485**.

A 20% lighter version of the original color is **63.3551, 59.5676, 27.5606**, and **15.7160, 13.0217, 2.6048** is the 20% darker color. If you saturate the color by 10%, you get **33.7096, 28.1813, 7.0675**, and if you desaturate by 10%, it is **38.2263, 34.9708, 15.4908**.

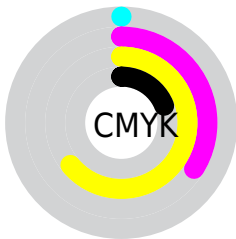
Distribution



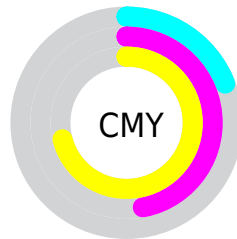
- Red (81%)
- Green (53%)
- Blue (29%)



- Red (81%)
- Yellow (75%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7723, 31.3681, 10.6478 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 35.7723, 31.3681, 10.6478 by changing the saturation by 10% instead.


 35.7723, 31.3681,
10.6478


 35.7723, 31.3681,
10.6478


319.4128,
308.2306, 205.8850


 24.4277, 20.8793,
5.7194


 68.0066, 61.8191,
27.6337


 15.7776, 13.0358,
2.6092


 89.6271, 82.5502,
40.5281


 9.4568, 7.4532,
0.8972


 115.4035,
107.4641, 56.9151

 5.0998, 3.7471,
0.0000

 145.7013,
136.9453, 77.2129

 2.3413, 1.5331,
0.0000

 180.8857,
171.3781, 101.8403

 0.8157, 0.3119,
0.0000

221.3222,

 0.0000, 0.0000,

211.1470, 131.2158

0.0000

267.3762,
256.6364, 165.7578

■ 35.7723, 31.3681,
10.6478

■ 35.7723, 31.3681,
10.6478

■ 33.7096, 28.1813,
7.0675

■ 38.2263, 34.9708,
15.4908

■ 32.0077, 25.3865,
4.6229

■ 41.0944, 39.0019,
21.7033

■ 30.6338, 22.9637,
3.1625

■ 44.3999, 43.4792,
29.3826

■ 29.9610, 21.7233,
2.6139

■ 48.1633, 48.4178,
38.6166

■ 52.4040, 53.8320,
49.4862

■ 57.1400, 59.7353,
62.0665

■ 62.3882, 66.1407,
76.4280

■ 68.1649, 73.0607,
92.6374

■ 73.6198, 80.1610,
106.2002

Harmonies

Analogous

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



41.7312, 31.3681, 17.4515



35.7723, 31.3681, 10.6478



28.9143, 31.3681, 9.0771

Triad

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



35.7723, 31.3681, 10.6478



18.7773, 31.3681, 36.8255



37.5803, 31.3681, 74.4365

Complementary

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



35.7723, 31.3681, 10.6478



24.2113, 26.2103, 62.8142

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.



30.7330, 31.3681, 85.3594



35.7723, 31.3681, 10.6478



20.4143, 31.3681, 59.0993

Square

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



35.7723, 31.3681, 10.6478



19.7160, 31.3681, 20.4960



24.5578, 31.3681, 78.9005



42.8794, 31.3681, 52.8336

Rectangle

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



35.7723, 31.3681, 10.6478



24.8898, 31.3681, 10.4185



24.5578, 31.3681, 78.9005



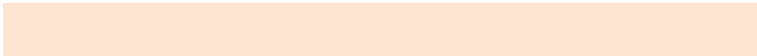
35.3492, 31.3681, 79.7817

Sweetspot

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



35.7730, 31.3697, 10.6484



80.5049, 81.8578, 70.3005



33.4592, 20.2744, 29.8156



16.8172, 16.9901, 13.9917



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.



35.7730, 31.3697, 10.6484



52.9569, 43.4452, 9.6849



47.7034, 55.2304, 14.6252



12.2565, 12.7038, 12.4181



18.9697, 13.8725, 1.6778



1.1397, 0.9338, 0.1202

Inverse Universe

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



24.2113, 26.2103, 62.8142



33.0122, 34.4976, 99.5265



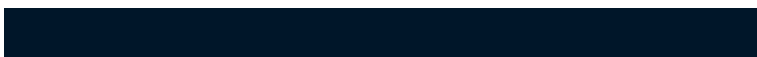
17.0032, 11.7941, 60.4115



11.6787, 12.4477, 15.0308



10.7384, 10.1234, 38.5805



0.6795, 0.7241, 2.1835

Previews

White Background



This preview shows how the XYZ color 35.7723, 31.3681, 10.6478 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 35.7723, 31.3681, 10.6478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

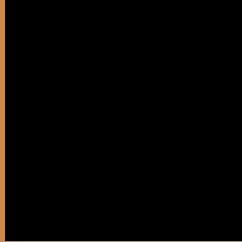
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7723, 31.3681, 10.6478

Background



This preview shows how black text looks on a background with the XYZ color 35.7723, 31.3681, 10.6478.



This preview shows how white text looks on a background with the XYZ color 35.7723, 31.3681,

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

35.7723, 31.3681, 10.6478

Protanopia

28.9510, 31.6718, 11.9845

Deuteranopia

32.0341, 31.4100, 10.5053



Tritanopia

39.3017, 31.3844, 28.0311

Trichromacy



Original Color

35.7723, 31.3681, 10.6478

Protanomaly

31.0647, 31.3483, 11.4347

Deuteranomaly

33.3813, 31.4291, 10.6104

Tritanomaly

37.9241, 31.4420, 20.2897

Monochromacy



Original Color

35.7723, 31.3681, 10.6478

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.4328, 30.3139, 22.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7723, 31.3681, 10.6478 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, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(207, 136, 74)  
}
```

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, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 136, 74) }
```

Border

The CSS property to change the border of an element to XYZ 35.7723, 31.3681, 10.6478 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, 136, 74) }
```


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

```
.border{ border-color:rgb(207, 136, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 136, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(207, 136,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7723, 31.3681, 10.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 136, 74) }
```

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

```
.background{ background-color: rgb(207,  
136, 74) }
```

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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