

Converting Colors

XYZ(36.1157, 32.2346, 10.5018)

Have a look what the booklet for
XYZ(36.1157, 32.2346, 10.5018)
contains.

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Color

**XYZ(36.1344, 32.1985,
10.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8B48
RGB	207, 139, 72
RGB Percent	81%, 55%, 28%
CMY	0.1882, 0.4549, 0.7176
CMYK	0.00, 0.33, 0.65, 0.19
HSL	30°, 58%, 55%
HSV	30°, 65%, 81%
XYZ	36.1344, 32.1985, 10.4413
YIQ	151.6940, 62.0350, -6.4210

Conversions

Conversions Part 2

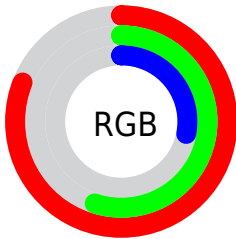
Format	Color
R_{YB}	207, 205, 72
Decimal	13601608
CIE Lab	63.51, 19.51, 45.54
CIE LCh	64, 49.541, 66.805
Yxy	32.1985, 0.4587, 0.4087
Android (android.graphics.Color)	4291791688 (0xFFCF8B48)
YUV	151.6940, -39.2891, 48.5034
Hunter-Lab	56.7437, 14.3673, 28.8108

Details

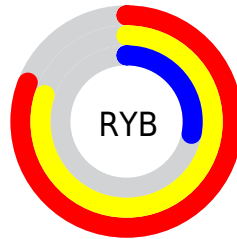
The XYZ color **36.1344, 32.1985, 10.4413** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.3124, 24.6375, 62.5579**, and the grayscale version is **29.8590, 31.4140, 34.2099**.

A 20% lighter version of the original color is **63.8851, 60.8300, 27.1131**, and **15.9299, 13.4986, 2.5249** is the 20% darker color. If you saturate the color by 10%, you get **34.1312, 29.0971, 6.9844**, and if you desaturate by 10%, it is **38.5104, 35.6821, 15.1444**.

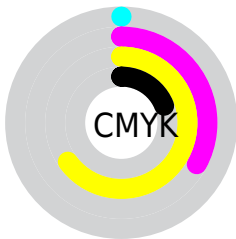
Distribution



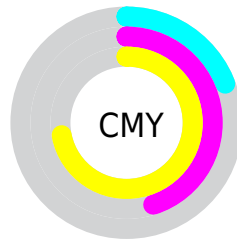
- Red (81%)
- Green (55%)
- Blue (28%)



- Red (81%)
- Yellow (80%)
- Blue (28%)



- Cyan (0%)
- Magenta (33%)
- Yellow (65%)
- Black (19%)




- Cyan (19%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1344, 32.1985, 10.4413 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 36.1344, 32.1985, 10.4413 by changing the saturation by 10% instead.


 36.1344, 32.1985,
10.4413


 36.1344, 32.1985,
10.4413


320.9686,
312.0225, 204.3913


 24.7086, 21.5132,
5.5831


 68.5620, 63.1221,
27.2430

 15.9877, 13.4996,
2.5286

 90.2945, 84.1292,
40.0236


 9.6062, 7.7735,
0.8553


 116.1932,
109.3457, 56.2820

 5.1989, 3.9503,
0.0000

 146.6236,
139.1559, 76.4369

 2.4004, 1.6458,
0.0000

 181.9510,
173.9444, 100.9067

 0.8453, 0.3882,
0.0000

222.5407,

 0.0000, 0.0000,

214.0953, 130.1100

0.0000

268.7581,
259.9932, 164.4653

■ 36.1344, 32.1985,
10.4413

■ 36.1344, 32.1985,
10.4413

■ 34.1312, 29.0971,
6.9844

■ 38.5104, 35.6821,
15.1444

■ 32.4706, 26.3553,
4.6447

■ 41.2813, 39.5588,
21.2015

■ 31.1201, 23.9549,
3.2679

■ 44.4700, 43.8451,
28.7106

■ 30.5565, 22.9144,
2.8124

■ 48.0964, 48.5548,
37.7601

■ 52.1794, 53.7007,
48.4312

■ 56.7363, 59.2952,
60.7996

■ 61.7836, 65.3502,
74.9358

■ 67.3370, 71.8768,
90.9067

■ 72.8751, 78.6716,
105.9519

Harmonies

Analogous

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



42.5080, 32.1985, 16.8612



36.1344, 32.1985, 10.4413



29.0578, 32.1985, 9.2398

Triad

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



36.1344, 32.1985, 10.4413



19.2261, 32.1985, 39.7583



39.2636, 32.1985, 75.1493

Complementary

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



36.1344, 32.1985, 10.4413



23.3124, 24.6375, 62.5579

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.



32.2035, 32.1985, 87.9662



36.1344, 32.1985, 10.4413



21.1595, 32.1985, 63.1171

Square

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



36.1344, 32.1985, 10.4413



19.9534, 32.1985, 22.1176



25.6683, 32.1985, 82.8885



44.4960, 32.1985, 52.2617

Rectangle

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



36.1344, 32.1985, 10.4413



25.0002, 32.1985, 10.8992



25.6683, 32.1985, 82.8885



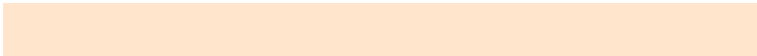
36.9876, 32.1985, 81.1053

Sweetspot

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



36.1352, 32.2001, 10.4419



80.2451, 81.8317, 68.6925



32.9132, 19.8458, 27.5890



16.7839, 17.0195, 13.6853



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.



36.1352, 32.2001, 10.4419



53.6478, 44.9297, 9.5990



48.6731, 57.2760, 14.6212



12.2864, 12.7636, 12.4281



19.3466, 14.6262, 1.8035



1.1611, 0.9765, 0.1273

Inverse Universe

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



23.3124, 24.6375, 62.5579



31.6218, 31.9343, 99.1050



16.4006, 10.8140, 60.2539



11.6487, 12.3876, 15.0208



10.3260, 9.2987, 38.4431



0.6567, 0.6786, 2.1759

Previews

White Background



This preview shows how the XYZ color 36.1344, 32.1985, 10.4413 looks on a white background.

Color Contrast Check

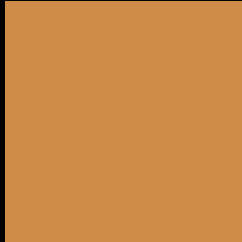
Large Text (above 18pt) WCAG AA × Fail

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 36.1344, 32.1985, 10.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

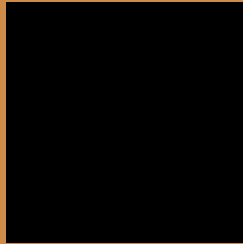
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1344, 32.1985, 10.4413

Background



This preview shows how black text looks on a background with the XYZ color 36.1344, 32.1985, 10.4413.



This preview shows how white text looks on a background with the XYZ color 36.1344, 32.1985,

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

36.1344, 32.1985, 10.4413

Protanopia

29.4727, 32.1931, 11.6817

Deuteranopia

33.0251, 32.3860, 10.3049



Tritanopia

40.0754, 32.1527, 29.2932

Trichromacy



Original Color

36.1344, 32.1985, 10.4413

Protanomaly

31.5459, 32.0702, 11.1841

Deuteranomaly

34.1365, 32.2718, 10.3911

Tritanomaly

38.2558, 32.0128, 20.6858

Monochromacy



Original Color

36.1344, 32.1985, 10.4413

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.0221, 31.0682, 23.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1344, 32.1985, 10.4413 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, 139, 72)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 72)  
}
```

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, 139, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 72) }
```

Border

The CSS property to change the border of an element to XYZ 36.1344, 32.1985, 10.4413 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, 139, 72) }
```


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

```
.border{ border-color:rgb(207, 139, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 139, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 72);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1344, 32.1985, 10.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 72) }
```

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

```
.background{ background-color: rgb(207,  
139, 72) }
```

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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