

Converting Colors

XYZ(35.5166, 35.8921, 16.2382)

Have a look what the booklet for
XYZ(35.5166, 35.8921, 16.2382)
contains.

XYZ(35.6541, 36.0348, 16.1426)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6541, 36.0348,
16.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9D60
RGB	191, 157, 96
RGB Percent	75%, 62%, 38%
CMY	0.2510, 0.3843, 0.6235
CMYK	0.00, 0.18, 0.50, 0.25
HSL	39°, 43%, 56%
HSV	39°, 50%, 75%
XYZ	35.6541, 36.0348, 16.1426
YIQ	160.2120, 39.8450, -11.7630

Conversions

Conversions Part 2

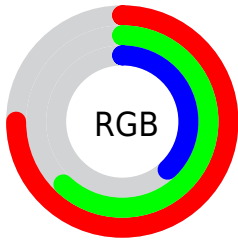
Format	Color
RYB	149, 191, 96
Decimal	12557664
CIELab	66.55, 4.80, 36.47
CIELCh	67, 36.783, 82.506
Yxy	36.0348, 0.4059, 0.4103
Android (android.graphics.Color)	4290747744 (0xFFBF9D60)
YUV	160.2120, -31.6565, 27.0011
Hunter-Lab	60.0290, 0.9690, 26.0764

Details

The XYZ color **35.6541, 36.0348, 16.1426** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.2102, 22.2128, 52.4069**, and the grayscale version is **33.6408, 35.3928, 38.5427**.

A 20% lighter version of the original color is **67.7065, 68.8664, 37.7410**, and **15.6792, 15.6724, 4.9950** is the 20% darker color. If you saturate the color by 10%, you get **33.7554, 33.4778, 11.6858**, and if you desaturate by 10%, it is **37.8329, 38.8101, 21.7475**.

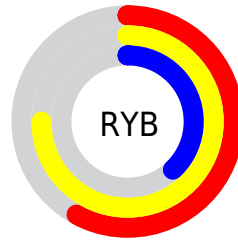
Distribution



Red (75%)

Green (62%)

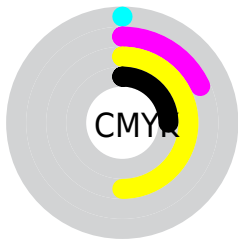
Blue (38%)



Red (58%)

Yellow (75%)

Blue (38%)

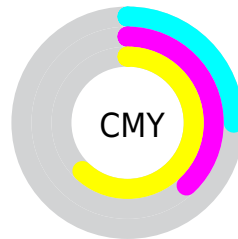


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6541, 36.0348, 16.1426 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 35.6541, 36.0348, 16.1426 by changing the saturation by 10% instead.


 35.6541, 36.0348,
16.1426


 35.6541, 36.0348,
16.1426


318.9038,
329.1126, 242.0561


 24.3360, 24.4611,
9.4697


 67.8252, 69.0858,
37.6158

 15.7092, 15.6760,
4.9478


 89.4090, 91.3318,
53.2532

 9.4081, 9.2952,
2.1585


 115.1453,
117.9041, 72.7158

 5.0676, 4.9342,
0.6502

 145.3997,
149.1870, 96.4221

 2.3221, 2.2087,
0.0000

180.5373,
185.5649, 124.7908

 0.8059, 0.7247,
0.0000

220.9237,

 0.0000, 0.0000,

227.4222, 158.2403

0.0000

266.9241,
275.1433, 197.1892

■ 35.6541, 36.0348,
16.1426

■ 35.6541, 36.0348,
16.1426

■ 33.7554, 33.4778,
11.6858

■ 37.8329, 38.8101,
21.7475

■ 32.1173, 31.1255,
8.2917

■ 40.3045, 41.8063,
28.5733

■ 30.7218, 28.9705,
5.8663


■ 43.0835, 45.0322,
36.6892


■ 29.5467, 27.0019,
4.2980


■ 46.1829, 48.4946,
46.1586

■ 28.5505, 25.2014,
3.3740


■ 49.6150, 52.1999,
57.0408

 28.5255, 25.1558,
3.3521

 53.3910, 56.1541,
69.3913

 57.5220, 60.3631,
83.2629

 62.0182, 64.8325,
98.7056

 64.7419, 68.7085,
104.4576

Harmonies

Analogous

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



41.1309, 36.0348, 19.7099



35.6541, 36.0348, 16.1426



30.3427, 36.0348, 17.3075

Triad

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



35.6541, 36.0348, 16.1426



25.3441, 36.0348, 52.0707



43.3882, 36.0348, 60.8183

Complementary

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



35.6541, 36.0348, 16.1426



22.2102, 22.2128, 52.4069

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.



38.4791, 36.0348, 74.5850



35.6541, 36.0348, 16.1426



28.1828, 36.0348, 68.6608

Square

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



35.6541, 36.0348, 16.1426



24.7610, 36.0348, 35.4005



32.8832, 36.0348, 77.7865



45.8980, 36.0348, 43.3385

Rectangle

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



35.6541, 36.0348, 16.1426



27.5624, 36.0348, 20.8105



32.8832, 36.0348, 77.7865



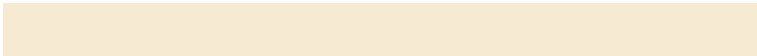
41.9402, 36.0348, 66.2071

Sweetspot

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



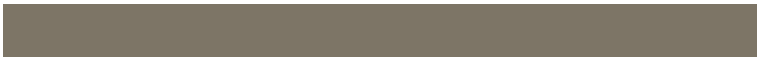
35.6550, 36.0365, 16.1433



79.5887, 83.3906, 73.0358



29.7543, 21.0766, 23.9139



17.2211, 18.0243, 15.2614



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6550, 36.0365, 16.1433



60.0763, 59.4290, 20.0939



39.1788, 47.6104, 18.1916



10.0272, 10.5304, 10.0807



18.8250, 16.6888, 2.2291



0.7971, 0.7732, 0.1072

Inverse Universe

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



22.2102, 22.2128, 52.4069



33.2176, 31.8583, 92.6776



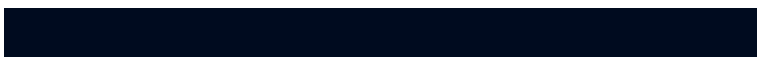
19.8529, 15.3579, 51.2080



9.2884, 9.7691, 12.0683



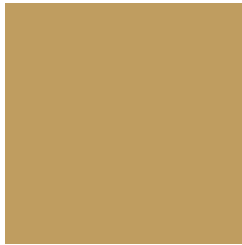
7.6224, 5.3565, 33.0251



0.3612, 0.3350, 1.3145

Previews

White Background



This preview shows how the XYZ color 35.6541, 36.0348, 16.1426 looks on a white background.

Color Contrast Check

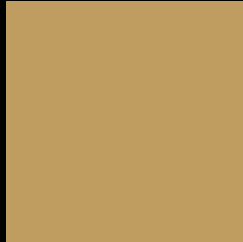
Large Text (above 18pt) WCAG AA × Fail

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 35.6541, 36.0348, 16.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

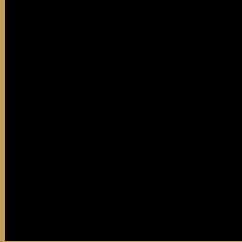
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6541, 36.0348, 16.1426

Background



This preview shows how black text looks on a background with the XYZ color 35.6541, 36.0348, 16.1426.



This preview shows how white text looks on a background with the XYZ color 35.6541, 36.0348,

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

35.6541, 36.0348, 16.1426

Protanopia

33.2564, 36.0696, 16.7646

Deuteranopia

36.9050, 36.1761, 16.3468



Tritanopia

40.2064, 35.9384, 38.5359

Trichromacy



Original Color

35.6541, 36.0348, 16.1426

Protanomaly

34.0199, 35.9498, 16.4552

Deuteranomaly

36.5518, 36.2421, 16.3782

Tritanomaly

38.2493, 35.8647, 28.5735

Monochromacy



Original Color

35.6541, 36.0348, 16.1426

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7081, 35.2603, 28.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6541, 36.0348, 16.1426 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(191, 157, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 157, 96)  
}
```

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(191, 157, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 157, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.6541, 36.0348, 16.1426 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(191, 157, 96) }
```


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

```
.border{ border-color:rgb(191, 157, 96) }
```

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

Here you see how a box with a 4 pixel rgb(191, 157, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 157, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 157, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 157,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6541, 36.0348, 16.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 157, 96) }
```

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

```
.background{ background-color: rgb(191,  
157, 96) }
```

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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