

Converting Colors

XYZ(34.9865, 35.4403, 16.0613)

Have a look what the booklet for
XYZ(34.9865, 35.4403, 16.0613)
contains.

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Color

**XYZ(34.9861, 35.4403,
16.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C60
RGB	189, 156, 96
RGB Percent	74%, 61%, 38%
CMY	0.2588, 0.3882, 0.6235
CMYK	0.00, 0.17, 0.49, 0.26
HSL	39°, 41%, 56%
HSV	39°, 49%, 74%
XYZ	34.9861, 35.4403, 16.0630
YIQ	159.0270, 38.9280, -11.6640

Conversions

Conversions Part 2

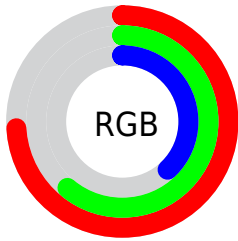
Format	Color
RYB	147, 189, 96
Decimal	12426336
CIELab	66.09, 4.50, 35.86
CIElCh	66, 36.137, 82.849
Yxy	35.4403, 0.4045, 0.4098
Android (android.graphics.Color)	4290616416 (0xFFBD9C60)
YUV	159.0270, -31.0723, 26.2863
Hunter-Lab	59.5318, 0.7217, 25.6745

Details

The XYZ color **34.9861, 35.4403, 16.0630** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.8592, 21.8606, 51.2115**, and the grayscale version is **33.0929, 34.8164, 37.9150**.

A 20% lighter version of the original color is **66.7497, 68.0055, 37.6253**, and **15.2579, 15.3031, 4.9459** is the 20% darker color. If you saturate the color by 10%, you get **33.1243, 32.9458, 11.6534**, and if you desaturate by 10%, it is **37.1210, 38.1461, 21.5964**.

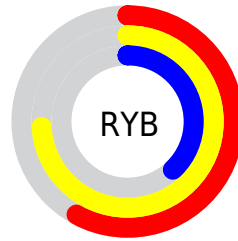
Distribution



Red (74%)

Green (61%)

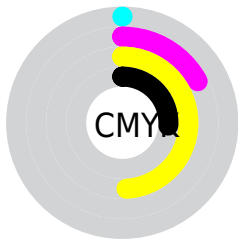
Blue (38%)



Red (58%)

Yellow (74%)

Blue (38%)

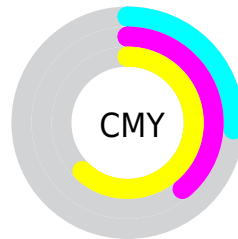


Cyan (0%)

Magenta (17%)

Yellow (49%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9861, 35.4403, 16.0630 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 34.9861, 35.4403, 16.0630 by changing the saturation by 10% instead.


 34.9861, 35.4403,
16.0630


 34.9861, 35.4403,
16.0630


316.0161,
326.5075, 241.5716


 23.8186, 24.0022,
9.4139


 66.7984, 68.1673,
37.4759

 15.3231, 15.3353,
4.9116


 88.1739, 90.2250,
53.0767

 9.1343, 9.0550,
2.1377


 113.6829,
116.5915, 72.4985

 4.8867, 4.7771,
0.6381

 143.6906,
147.6509, 96.1599

 2.2150, 2.1171,
0.0000

178.5624,
183.7879, 124.4794

 0.7506, 0.6742,
0.0000

218.6637,

 0.0000, 0.0000,

225.3867, 157.8754

0.0000

264.3598,
272.8318, 196.7666

■ 34.9861, 35.4403,
16.0630

■ 34.9861, 35.4403,
16.0630

■ 33.1243, 32.9458,
11.6534

■ 37.1210, 38.1461,
21.5964

■ 31.5167, 30.6496,
8.2848

■ 39.5410, 41.0655,
28.3242

■ 30.1459, 28.5442,
5.8665


■ 42.2606, 44.2073,
36.3134


■ 28.9905, 26.6195,
4.2908


■ 45.2923, 47.5778,
45.6257


■ 28.0128, 24.8587,
3.3649


■ 48.6479, 51.1833,
56.3185

 27.9390, 24.7242,
3.2997

 52.3384, 55.0296,
68.4459

 56.3745, 59.1224,
82.0591

 60.7660, 63.4669,
97.2066

 63.6832, 67.3326,
104.2478

Harmonies

Analogous

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



40.3101, 35.4403, 19.4986



34.9861, 35.4403, 16.0630



29.8342, 35.4403, 17.2563

Triad

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



34.9861, 35.4403, 16.0630



25.0411, 35.4403, 51.2415



42.5989, 35.4403, 59.3329

Complementary

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



34.9861, 35.4403, 16.0630



21.8592, 21.8606, 51.2115

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.



37.8536, 35.4403, 72.7386



34.9861, 35.4403, 16.0630



27.8286, 35.4403, 67.2672

Square

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



34.9861, 35.4403, 16.0630



24.4471, 35.4403, 35.0247



32.4165, 35.4403, 75.9738



44.9982, 35.4403, 42.3861

Rectangle

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



34.9861, 35.4403, 16.0630



27.1423, 35.4403, 20.7216



32.4165, 35.4403, 75.9738



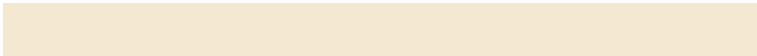
41.2026, 35.4403, 64.5683

Sweetspot

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



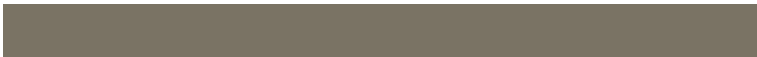
34.9870, 35.4420, 16.0637



77.7740, 81.5195, 71.3618



29.2053, 20.7993, 23.6300



16.4842, 17.2607, 14.6130



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.9870, 35.4420, 16.0637



59.0978, 58.6903, 20.3638



38.3495, 46.5400, 18.0286



10.0297, 10.5354, 10.0815



18.8723, 16.7835, 2.2449



0.7988, 0.7764, 0.1078

Inverse Universe

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



21.8592, 21.8606, 51.2115



32.9125, 31.6412, 90.5989



19.6016, 15.2535, 50.0552



9.2860, 9.7644, 12.0675



7.5988, 5.3094, 33.0172



0.3601, 0.3329, 1.3141

Previews

White Background



This preview shows how the XYZ color 34.9861, 35.4403, 16.0630 looks on a white background.

Color Contrast Check

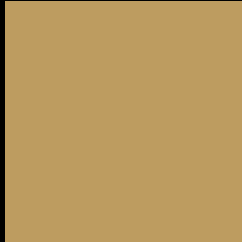
Large Text (above 18pt) WCAG AA × Fail

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 34.9861, 35.4403, 16.0630 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 34.9861, 35.4403, 16.0630

Background



This preview shows how black text looks on a background with the XYZ color 34.9861, 35.4403, 16.0630.



This preview shows how white text looks on a background with the XYZ color 34.9861, 35.4403,

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

34.9861, 35.4403, 16.0630

Protanopia

32.8540, 35.6017, 16.6955

Deuteranopia

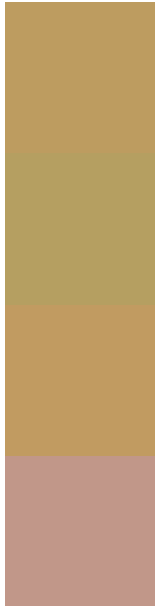
36.2189, 35.5764, 16.2672



Tritanopia

39.4407, 35.3200, 37.9964

Trichromacy



Original Color

34.9861, 35.4403, 16.0630

Protanomaly

33.6119, 35.4831, 16.3866

Deuteranomaly

35.8713, 35.6432, 16.2985

Tritanomaly

37.5743, 35.2768, 28.4956

Monochromacy



Original Color

34.9861, 35.4403, 16.0630

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2484, 34.7773, 28.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9861, 35.4403, 16.0630 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(189, 156, 96)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 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(189, 156, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 96) }
```

Border

The CSS property to change the border of an element to XYZ 34.9861, 35.4403, 16.0630 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(189, 156, 96) }
```


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

```
.border{ border-color:rgb(189, 156, 96) }
```

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

Here you see how a box with a 4 pixel rgb(189, 156, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 96);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9861, 35.4403, 16.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 96) }
```

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

```
.background{ background-color: rgb(189,  
156, 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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