

Converting Colors

XYZ(35.0631, 36.8826, 10.9013)

Have a look what the booklet for
XYZ(35.0631, 36.8826, 10.9013)
contains.

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Color

**XYZ(35.0543, 36.8666,
10.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA145
RGB	190, 161, 69
RGB Percent	75%, 63%, 27%
CMY	0.2549, 0.3686, 0.7294
CMYK	0.00, 0.15, 0.64, 0.25
HSL	46°, 48%, 51%
HSV	46°, 64%, 75%
XYZ	35.0543, 36.8666, 10.8986
YIQ	159.1830, 46.8160, -22.4640

Conversions

Conversions Part 2

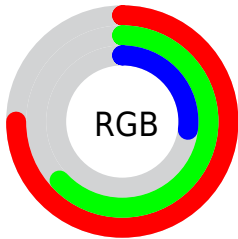
Format	Color
RYB	107, 190, 69
Decimal	12493125
CIELab	67.18, 0.05, 50.55
CIELCh	67, 50.547, 89.947
Yxy	36.8666, 0.4233, 0.4451
Android (android.graphics.Color)	4290683205 (0xFFBEA145)
YUV	159.1830, -44.4602, 27.0265
Hunter-Lab	60.7179, -3.2027, 31.8602

Details

The XYZ color **35.0543, 36.8666, 10.8986** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **16.1161, 13.7178, 50.5134**, and the grayscale version is **33.2215, 34.9516, 38.0622**.

A 20% lighter version of the original color is **67.0740, 70.6319, 28.1873**, and **15.3281, 16.1701, 2.7287** is the 20% darker color. If you saturate the color by 10%, you get **33.7754, 35.1064, 8.0140**, and if you desaturate by 10%, it is **36.5527, 38.7638, 14.7887**.

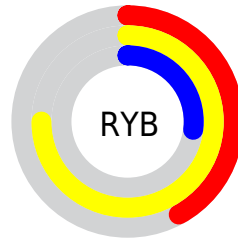
Distribution



Red (75%)

Green (63%)

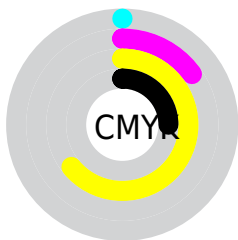
Blue (27%)



Red (42%)

Yellow (75%)

Blue (27%)

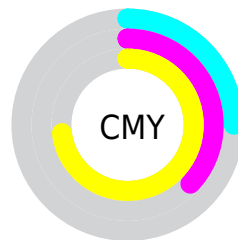


Cyan (0%)

Magenta (15%)

Yellow (64%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0543, 36.8666, 10.8986 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 35.0543, 36.8666, 10.8986 by changing the saturation by 10% instead.

■ 35.0543, 36.8666,
10.8986

■ 35.0543, 36.8666,
10.8986

316.3118,
332.7326, 207.6830

■ 23.8714, 25.1042,
5.8854

■ 66.9033, 70.3676,
28.1063

■ 15.3625, 16.1547,
2.7078

■ 88.3002, 92.8749,
41.1378

■ 9.1621, 9.6337,
0.9474

■ 113.8325,
119.7328, 57.6792

■ 4.9051, 5.1568,
0.0000

■ 143.8654,
151.3255, 78.1490

■ 2.2258, 2.3395,
0.0000

■ 178.7645,
188.0374, 102.9658

■ 0.7563, 0.7945,
0.0000

218.8950,

■ 0.0000, 0.0000,

230.2530, 132.5480

0.0000

264.6223,
278.3566, 167.3142

■ 35.0543, 36.8666,
10.8986

■ 35.0543, 36.8666,
10.8986

■ 33.7754, 35.1064,
8.0140

■ 36.5527, 38.7638,
14.7887

■ 32.6944, 33.4698,
6.0336

■ 38.2847, 40.7998,
19.7679

■ 31.7892, 31.9490,
4.8392

■ 40.2658, 42.9829,
25.9138

■ 31.2797, 31.0363,
4.3420

■ 42.5098, 45.3188,
33.2959

■ 45.0289, 47.8130,
41.9786

■ 47.8349, 50.4707,
52.0217

■ 50.9386, 53.2966,
63.4811

■ 54.3504, 56.2952,
76.4097

■ 58.0799, 59.4710,
90.8578

Harmonies

Analogous

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



42.9993, 36.8666, 13.4706



35.0543, 36.8666, 10.8986



28.1505, 36.8666, 13.4516

Triad

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



35.0543, 36.8666, 10.8986



23.7034, 36.8666, 65.2775



49.4983, 36.8666, 65.3715

Complementary

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



35.0543, 36.8666, 10.8986



16.1161, 13.7178, 50.5134

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.



42.9722, 36.8666, 89.2968



35.0543, 36.8666, 10.8986



28.1300, 36.8666, 89.2299

Square

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



35.0543, 36.8666, 10.8986



22.2110, 36.8666, 40.1022



35.0269, 36.8666, 99.3064



52.0493, 36.8666, 40.1807

Rectangle

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



35.0543, 36.8666, 10.8986



24.8762, 36.8666, 18.5543



35.0269, 36.8666, 99.3064



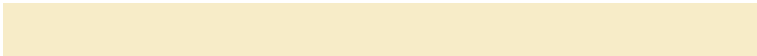
47.6537, 36.8666, 74.1189

Sweetspot

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



35.0552, 36.8684, 10.8993



78.9689, 84.0663, 66.9247



25.6276, 16.1093, 13.6263



17.0571, 18.1764, 13.7269



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.



35.0552, 36.8684, 10.8993



60.4719, 62.5408, 13.0717



33.9350, 44.7044, 12.4709



10.1233, 10.7225, 10.1127



20.8625, 20.7639, 2.9083



0.8648, 0.9086, 0.1298

Inverse Universe

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



16.1161, 13.7178, 50.5134



23.6597, 17.6616, 90.4412



16.5957, 10.6411, 49.8943



9.1972, 9.5867, 12.0379



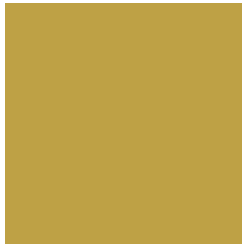
6.8696, 3.8510, 32.7741



0.3217, 0.2560, 1.3013

Previews

White Background



This preview shows how the XYZ color 35.0543, 36.8666, 10.8986 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 35.0543, 36.8666, 10.8986 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 35.0543, 36.8666, 10.8986

Background



This preview shows how black text looks on a background with the XYZ color 35.0543, 36.8666, 10.8986.



This preview shows how white text looks on a background with the XYZ color 35.0543, 36.8666,

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

35.0543, 36.8666, 10.8986

Protanopia

33.6724, 36.9382, 11.1494

Deuteranopia

37.6544, 36.9284, 11.1045



Tritanopia

40.9662, 36.7833, 39.5911

Trichromacy



Original Color

35.0543, 36.8666, 10.8986

Protanomaly

34.2103, 36.9509, 11.1235

Deuteranomaly

36.6211, 36.9017, 10.9870

Tritanomaly

38.1895, 36.6298, 25.8263

Monochromacy



Original Color

35.0543, 36.8666, 10.8986

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9143, 35.1940, 24.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0543, 36.8666, 10.8986 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(190, 161, 69)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 69)  
}
```

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(190, 161, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.0543, 36.8666, 10.8986 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(190, 161, 69) }
```


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

```
.border{ border-color:rgb(190, 161, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 69);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0543, 36.8666, 10.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 69) }
```

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

```
.background{ background-color: rgb(190,  
161, 69) }
```

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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