

Converting Colors

XYZ(35.0513, 38.6165, 14.8279)

Have a look what the booklet for
XYZ(35.0513, 38.6165, 14.8279)
contains.

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Color

**XYZ(35.0555, 38.6549,
14.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A858
RGB	182, 168, 88
RGB Percent	71%, 66%, 35%
CMY	0.2863, 0.3412, 0.6549
CMYK	0.00, 0.08, 0.52, 0.29
HSL	51°, 39%, 53%
HSV	51°, 52%, 71%
XYZ	35.0555, 38.6549, 14.8460
YIQ	163.0660, 34.0240, -21.9120

Conversions

Conversions Part 2

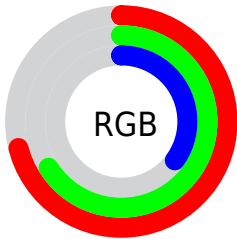
Format	Color
RYB	104, 182, 88
Decimal	11970648
CIELab	68.50, -5.65, 42.75
CIELCh	69, 43.124, 97.535
Yxy	38.6549, 0.3959, 0.4365
Android (android.graphics.Color)	4290160728 (0xFFB6A858)
YUV	163.0660, -37.0075, 16.6051
Hunter-Lab	62.1731, -8.1579, 29.3636

Details

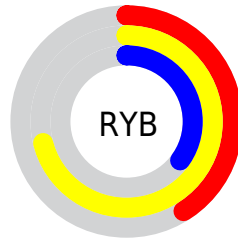
The XYZ color **35.0555, 38.6549, 14.8460** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17.2193, 14.9544, 46.2349**, and the grayscale version is **35.0028, 36.8257, 40.1032**.

A 20% lighter version of the original color is **67.0565, 73.1941, 35.4046**, and **15.3476, 17.1427, 4.3337** is the 20% darker color. If you saturate the color by 10%, you get **33.8990, 37.4016, 11.1942**, and if you desaturate by 10%, it is **36.4125, 40.0080, 19.4940**.

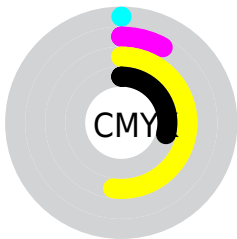
Distribution



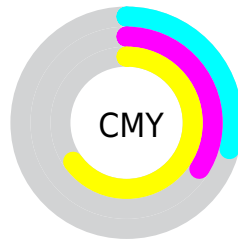
- Red (71%)
- Green (66%)
- Blue (35%)



- Red (41%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0555, 38.6549, 14.8460 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 35.0555, 38.6549, 14.8460 by changing the saturation by 10% instead.


 35.0555, 38.6549,
14.8460


 35.0555, 38.6549,
14.8460


316.3170,
340.4210, 234.0408

 23.8723, 26.4914,
8.5660


 66.9052, 73.1108,
35.3213

 15.3632, 17.1916,
4.3662


 88.3024, 96.1720,
50.3536

 9.1626, 10.3712,
1.8283


 113.8351,
123.6345, 69.1404

 4.9054, 5.6458,
0.4466

 143.8685,
155.8828, 92.1002

 2.2260, 2.6309,
0.0000

178.7681,
193.3012, 119.6516

 0.7564, 0.9422,
0.0000

218.8991,

 0.0000, 0.0000,

236.2741, 152.2132

0.0000

264.6269,
285.1859, 190.2034

■ 35.0555, 38.6549,
14.8460

■ 35.0555, 38.6549,
14.8460

■ 33.8990, 37.4016,
11.1942

■ 36.4125, 40.0080,
19.4940

■ 32.9260, 36.2368,
8.4610

■ 37.9800, 41.4606,
25.2033

■ 32.1208, 35.1556,
6.5613

■ 39.7708, 43.0195,
32.0363

■ 31.4641, 34.1502,
5.3928

■ 41.7958, 44.6889,
40.0497

■ 30.9965, 33.3552,
4.8045

■ 44.0649, 46.4731,
49.2967

■ 46.5878, 48.3760,
59.8268

■ 49.3735, 50.4013,
71.6873

■ 52.4304, 52.5524,
84.9227

■ 55.7667, 54.8327,
99.5756

Harmonies

Analogous

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



41.9560, 38.6549, 16.1365



35.0555, 38.6549, 14.8460



29.3494, 38.6549, 18.8636

Triad

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



35.0555, 38.6549, 14.8460



27.3331, 38.6549, 69.2118



50.1676, 38.6549, 58.0463

Complementary

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



35.0555, 38.6549, 14.8460



17.2193, 14.9544, 46.2349

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.



45.2783, 38.6549, 79.2265



35.0555, 38.6549, 14.8460



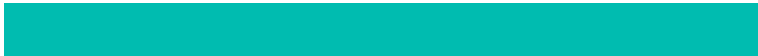
31.9758, 38.6549, 86.9355

Square

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



35.0555, 38.6549, 14.8460



25.2621, 38.6549, 47.1822



38.4783, 38.6549, 91.0762



51.2556, 38.6549, 37.3755

Rectangle

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



35.0555, 38.6549, 14.8460



26.7930, 38.6549, 25.0454



38.4783, 38.6549, 91.0762



48.8874, 38.6549, 65.5070

Sweetspot

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



35.0564, 38.6567, 14.8468



74.4013, 79.9055, 67.1171



25.1846, 17.8862, 14.7219



16.2618, 17.5078, 14.1462



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0564, 38.6567, 14.8468



61.1919, 67.5032, 19.5032



30.9023, 40.5595, 15.4330



9.6332, 10.2693, 9.5814



21.9277, 23.6317, 3.4057



0.8043, 0.8957, 0.1305

Inverse Universe

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



17.2193, 14.9544, 46.2349



25.3309, 19.8929, 82.7404



19.8047, 14.4150, 45.9945



8.6262, 8.9296, 11.3484



6.2723, 3.0042, 31.5024



0.2555, 0.1747, 1.1220

Previews

White Background



This preview shows how the XYZ color 35.0555, 38.6549, 14.8460 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 35.0555, 38.6549, 14.8460 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 35.0555, 38.6549, 14.8460

Background



This preview shows how black text looks on a background with the XYZ color 35.0555, 38.6549, 14.8460.



This preview shows how white text looks on a background with the XYZ color 35.0555, 38.6549,

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

35.0555, 38.6549, 14.8460

Protanopia

35.3473, 38.5324, 14.8070

Deuteranopia

39.4204, 38.5136, 15.0290



Tritanopia

40.9840, 38.6837, 43.8347

Trichromacy



Original Color

35.0555, 38.6549, 14.8460

Protanomaly

35.1086, 38.4093, 14.7958

Deuteranomaly

37.7495, 38.4322, 14.8797

Tritanomaly

38.2216, 38.3285, 30.5830

Monochromacy



Original Color

35.0555, 38.6549, 14.8460

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4766, 37.2339, 28.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0555, 38.6549, 14.8460 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(182, 168, 88)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 88)  
}
```

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(182, 168, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 88) }
```

Border

The CSS property to change the border of an element to XYZ 35.0555, 38.6549, 14.8460 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(182, 168, 88) }
```


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

```
.border{ border-color:rgb(182, 168, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 88);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0555, 38.6549, 14.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 88) }
```

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

```
.background{ background-color: rgb(182,  
168, 88) }
```

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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