

Converting Colors

XYZ(35.3473, 38.5324, 14.8070)

Have a look what the booklet for
XYZ(35.3473, 38.5324, 14.8070)
contains.

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Color

**XYZ(35.3473, 38.5324,
14.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A758
RGB	184, 167, 88
RGB Percent	72%, 65%, 35%
CMY	0.2784, 0.3451, 0.6549
CMYK	0.00, 0.09, 0.52, 0.28
HSL	49°, 40%, 53%
HSV	49°, 52%, 72%
XYZ	35.3473, 38.5324, 14.8070
YIQ	163.0770, 35.4910, -20.9650

Conversions

Conversions Part 2

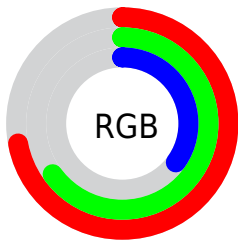
Format	Color
RYB	109, 184, 88
Decimal	12101464
CIELab	68.41, -4.28, 42.69
CIElCh	68, 42.902, 95.722
Yxy	38.5324, 0.3986, 0.4345
Android (android.graphics.Color)	4290291544 (0xFFB8A758)
YUV	163.0770, -37.0130, 18.3495
Hunter-Lab	62.0745, -6.9864, 29.3093

Details

The XYZ color **35.3473, 38.5324, 14.8070** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17.7276, 15.6379, 47.4312**, and the grayscale version is **35.0076, 36.8307, 40.1086**.

A 20% lighter version of the original color is **67.4728, 73.0132, 35.3477**, and **15.5338, 17.0685, 4.3096** is the 20% darker color. If you saturate the color by 10%, you get **34.0904, 37.0882, 11.0907**, and if you desaturate by 10%, it is **36.8135, 40.0872, 19.5429**.

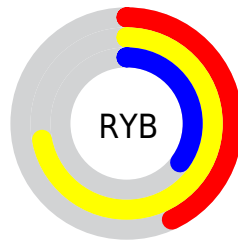
Distribution



Red (72%)

Green (65%)

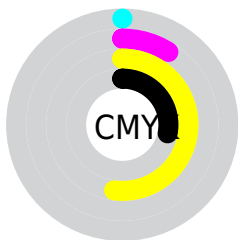
Blue (35%)



Red (43%)

Yellow (72%)

Blue (35%)

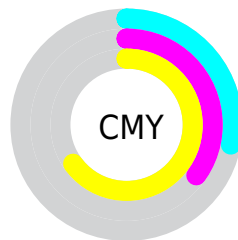


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3473, 38.5324, 14.8070 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 35.3473, 38.5324, 14.8070 by changing the saturation by 10% instead.

■ 35.3473, 38.5324,
14.8070

■ 35.3473, 38.5324,
14.8070

317.5799,
339.8983, 233.7954

■ 24.0983, 26.3962,
8.5389

■ 67.3539, 72.9234,
35.2517

■ 15.5317, 17.1202,
4.3490

■ 88.8423, 95.9470,
50.2655

■ 9.2821, 10.3203,
1.8187

■ 114.4744,
123.3685, 69.0316

■ 4.9842, 5.6118,
0.4402

■ 144.6157,
155.5723, 91.9685

■ 2.2727, 2.6105,
0.0000

179.6316,
192.9428, 119.4948

■ 0.7806, 0.9320,
0.0000

219.8873,

■ 0.0000, 0.0000,

235.8644, 152.0290

0.0000

265.7483,
284.7214, 189.9897

■ 35.3473, 38.5324,
14.8070

■ 35.3473, 38.5324,
14.8070

■ 34.0904, 37.0882,
11.0907

■ 36.8135, 40.0872,
19.5429

■ 33.0250, 35.7431,
8.3139

■ 38.4995, 41.7528,
25.3658

■ 32.1352, 34.4919,
6.3883

■ 40.4184, 43.5359,
32.3399

■ 31.4007, 33.3263,
5.2076

■ 42.5815, 45.4412,
40.5239

■ 30.9024, 32.4609,
4.6369

■ 44.9992, 47.4731,
49.9725

■ 47.6813, 49.6357,
60.7370

■ 50.6372, 51.9328,
72.8657

■ 53.8756, 54.3682,
86.4047

■ 57.4051, 56.9454,
101.3978

Harmonies

Analogous

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



42.2130, 38.5324, 16.4078



35.3473, 38.5324, 14.8070



29.5687, 38.5324, 18.4668

Triad

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



35.3473, 38.5324, 14.8070



27.0808, 38.5324, 67.5603



49.7483, 38.5324, 59.1342

Complementary

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



35.3473, 38.5324, 14.8070



17.7276, 15.6379, 47.4312

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.



44.7206, 38.5324, 79.8615



35.3473, 38.5324, 14.8070



31.5513, 38.5324, 85.6793

Square

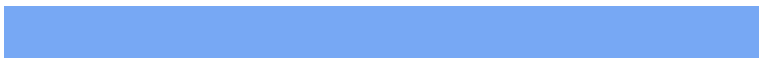
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.3473, 38.5324, 14.8070



25.1864, 38.5324, 45.7644



37.9309, 38.5324, 90.7606



51.0862, 38.5324, 38.3635

Rectangle

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



35.3473, 38.5324, 14.8070



26.9279, 38.5324, 24.3360



37.9309, 38.5324, 90.7606



48.4060, 38.5324, 66.5131

Sweetspot

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



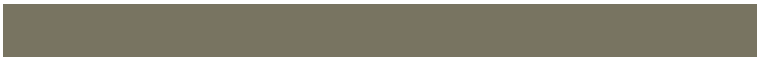
35.3482, 38.5342, 14.8078



75.5306, 80.9335, 67.1140



25.8378, 18.2024, 15.6789



16.1108, 17.2959, 13.8178



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.



35.3482, 38.5342, 14.8078



61.4094, 66.7606, 19.0323



32.1524, 41.8162, 15.6097



9.6113, 10.2256, 9.5741



21.3443, 22.4649, 3.2112



0.7883, 0.8637, 0.1252

Inverse Universe

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



17.7276, 15.6379, 47.4312



25.9527, 20.7400, 84.8400



19.6674, 14.3202, 47.0746



8.6463, 8.9697, 11.3551



6.3671, 3.1938, 31.5340



0.2641, 0.1919, 1.1249

Previews

White Background



This preview shows how the XYZ color 35.3473, 38.5324, 14.8070 looks on a white background.

Color Contrast Check

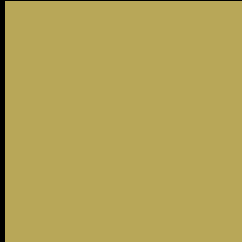
Large Text (above 18pt) WCAG AA × Fail

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 35.3473, 38.5324, 14.8070 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 35.3473, 38.5324, 14.8070

Background



This preview shows how black text looks on a background with the XYZ color 35.3473, 38.5324, 14.8070.



This preview shows how white text looks on a background with the XYZ color 35.3473, 38.5324,

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

35.3473, 38.5324, 14.8070

Protanopia

35.3473, 38.5324, 14.8070

Deuteranopia

39.1454, 38.3718, 15.0162



Tritanopia

41.2208, 38.5625, 43.3009

Trichromacy



Original Color

35.3473, 38.5324, 14.8070

Protanomaly

35.3473, 38.5324, 14.8070

Deuteranomaly

37.7495, 38.4322, 14.8797

Tritanomaly

38.4648, 38.2020, 30.1574

Monochromacy



Original Color

35.3473, 38.5324, 14.8070

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5140, 36.9864, 28.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3473, 38.5324, 14.8070 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(184, 167, 88)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 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(184, 167, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 88) }
```

Border

The CSS property to change the border of an element to XYZ 35.3473, 38.5324, 14.8070 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(184, 167, 88) }
```


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

```
.border{ border-color:rgb(184, 167, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 88);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3473, 38.5324, 14.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 88) }
```

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

```
.background{ background-color: rgb(184,  
167, 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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