

Converting Colors

XYZ(34.0480, 38.6841, 14.9075)

Have a look what the booklet for
XYZ(34.0480, 38.6841, 14.9075)
contains.

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Color

**XYZ(34.0407, 38.6841,
14.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AA58
RGB	176, 170, 88
RGB Percent	69%, 67%, 35%
CMY	0.3098, 0.3333, 0.6549
CMYK	0.00, 0.03, 0.50, 0.31
HSL	56°, 36%, 52%
HSV	56°, 50%, 69%
XYZ	34.0407, 38.6841, 14.9052
YIQ	162.4460, 29.8980, -24.2300

Conversions

Conversions Part 2

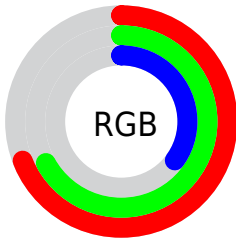
Format	Color
RYB	94, 176, 88
Decimal	11577944
CIELab	68.52, -9.24, 42.65
CIELCh	69, 43.641, 102.224
Yxy	38.6841, 0.3885, 0.4414
Android (android.graphics.Color)	4289768024 (0xFFB0AA58)
YUV	162.4460, -36.7019, 11.8869
Hunter-Lab	62.1965, -11.1494, 29.3289

Details

The XYZ color **34.0407, 38.6841, 14.9052** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.8637, 13.2145, 42.7888**, and the grayscale version is **34.7100, 36.5176, 39.7676**.

A 20% lighter version of the original color is **65.2631, 73.0675, 35.4747**, and **14.7134, 17.1618, 4.3708** is the 20% darker color. If you saturate the color by 10%, you get **33.1745, 37.9810, 11.4438**, and if you desaturate by 10%, it is **35.0868, 39.4653, 19.2958**.

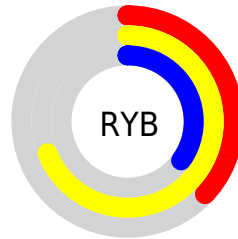
Distribution



Red (69%)

Green (67%)

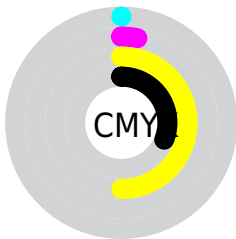
Blue (35%)



Red (37%)

Yellow (69%)

Blue (35%)

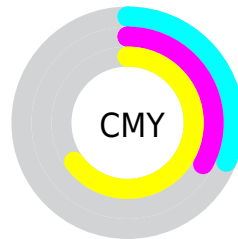


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0407, 38.6841, 14.9052 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 34.0407, 38.6841, 14.9052 by changing the saturation by 10% instead.


 34.0407, 38.6841,
14.9052


 34.0407, 38.6841,
14.9052


311.8962,
340.5455, 234.4127


 23.0879, 26.5141,
8.6070


 65.3408, 73.1555,
35.4267


 14.7795, 17.2086,
4.3924


 86.4189, 96.2256,
50.4871

 8.7501, 10.3833,
1.8430


 111.6027,
123.6979, 69.3054

 4.6343, 5.6539,
0.4561

 141.2577,
155.9568, 92.3000

 2.0669, 2.6358,
0.0000

175.7492,
193.3866, 119.8894

 0.6711, 0.9447,
0.0000

215.4425,

 0.0000, 0.0000,

236.3717, 152.4924

0.0000

260.7031,
285.2965, 190.5273

■ 34.0407, 38.6841,
14.9052

■ 34.0407, 38.6841,
14.9052

■ 33.1745, 37.9810,
11.4438

■ 35.0868, 39.4653,
19.2958

■ 32.4726, 37.3454,
8.8413

■ 36.3216, 40.3239,
24.6743

■ 31.9212, 36.7734,
7.0215


■ 37.7568, 41.2658,
31.0974


■ 31.5031, 36.2579,
5.8934


■ 39.4020, 42.2952,
38.6168


■ 31.1816, 35.7842,
5.2637


■ 41.2666, 43.4155,
47.2806

 31.1815, 35.7842,
5.2636

 43.3590, 44.6304,
57.1344

 45.6876, 45.9430,
68.2211

 48.2599, 47.3565,
80.5814

 51.0835, 48.8738,
94.2542

Harmonies

Analogous

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



40.9513, 38.6841, 15.3848



34.0407, 38.6841, 14.9052



28.5840, 38.6841, 19.8530

Triad

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



34.0407, 38.6841, 14.9052



27.8257, 38.6841, 73.0127



50.8403, 38.6841, 54.7616

Complementary

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



34.0407, 38.6841, 14.9052



15.8637, 13.2145, 42.7888

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.



46.3818, 38.6841, 76.8166



34.0407, 38.6841, 14.9052



32.8799, 38.6841, 89.4085

Square

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



34.0407, 38.6841, 14.9052



25.3073, 38.6841, 50.6517



39.6374, 38.6841, 90.9844



51.2525, 38.6841, 34.6052

Rectangle

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



34.0407, 38.6841, 14.9052



26.2726, 38.6841, 26.8323



39.6374, 38.6841, 90.9844



49.7417, 38.6841, 62.3306

Sweetspot

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



34.0416, 38.6859, 14.9060



69.8431, 75.7067, 62.6060



23.4753, 17.0423, 12.9588



15.0055, 16.3246, 12.9721



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.0416, 38.6859, 14.9060



60.0202, 68.7581, 20.1877



27.9903, 37.2731, 14.9522



9.1465, 9.8055, 9.0631



22.8958, 26.2901, 3.8678



0.7351, 0.8566, 0.1266

Inverse Universe

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



15.8637, 13.2145, 42.7888



23.2778, 17.2928, 76.6063



19.7355, 14.4495, 42.8231



8.0869, 8.3200, 10.6860



5.8629, 2.5262, 30.3156



0.1998, 0.1101, 0.9590

Previews

White Background



This preview shows how the XYZ color 34.0407, 38.6841, 14.9052 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 34.0407, 38.6841, 14.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

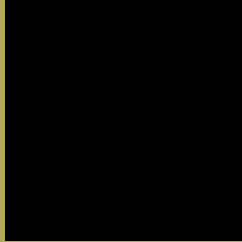
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0407, 38.6841, 14.9052

Background



This preview shows how black text looks on a background with the XYZ color 34.0407, 38.6841, 14.9052.



This preview shows how white text looks on a background with the XYZ color 34.0407, 38.6841,

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

34.0407, 38.6841, 14.9052

Protanopia

35.3062, 38.5159, 14.5903

Deuteranopia

39.1883, 38.3890, 15.2419



Tritanopia

40.1212, 38.4730, 44.8466

Trichromacy



Original Color

34.0407, 38.6841, 14.9052

Protanomaly

34.7790, 38.5171, 14.6183

Deuteranomaly

37.1908, 38.4019, 15.1250

Tritanomaly

37.4493, 38.4490, 31.0388

Monochromacy



Original Color

34.0407, 38.6841, 14.9052

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7647, 36.8750, 28.2597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0407, 38.6841, 14.9052 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(176, 170, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 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(176, 170, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 88) }
```

Border

The CSS property to change the border of an element to XYZ 34.0407, 38.6841, 14.9052 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(176, 170, 88) }
```


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

```
.border{ border-color:rgb(176, 170, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 170, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 170, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 170, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 170,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0407, 38.6841, 14.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 88) }
```

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

```
.background{ background-color: rgb(176,  
170, 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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