

Converting Colors

XYZ(40.3925, 50.3258, 13.8710)

Have a look what the booklet for
XYZ(40.3925, 50.3258, 13.8710)
contains.

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Color

**XYZ(40.4603, 50.3586,
13.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C549
RGB	182, 197, 73
RGB Percent	71%, 77%, 29%
CMY	0.2863, 0.2274, 0.7137
CMYK	0.08, 0.00, 0.63, 0.23
HSL	67°, 52%, 53%
HSV	67°, 63%, 77%
XYZ	40.4603, 50.3586, 13.8910
YIQ	178.3790, 30.8640, -41.7440

Conversions

Conversions Part 2

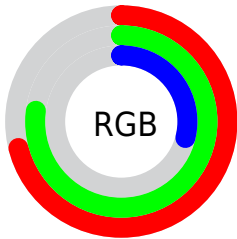
Format	Color
RYB	73, 197, 88
Decimal	11978057
CIELab	76.29, -21.67, 58.44
CIELCh	76, 62.325, 110.347
Yxy	50.3586, 0.3864, 0.4809
Android (android.graphics.Color)	4290168137 (0xFFB6C549)
YUV	178.3790, -51.9518, 3.1756
Hunter-Lab	70.9638, -22.4141, 38.0688

Details

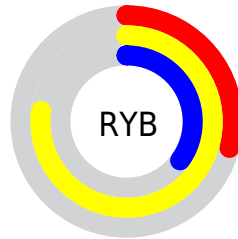
The XYZ color **40.4603, 50.3586, 13.8910** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **16.4867, 10.8721, 54.0559**, and the grayscale version is **42.7744, 45.0020, 49.0072**.

A 20% lighter version of the original color is **75.2078, 90.9412, 33.6682**, and **18.4760, 24.1003, 3.9365** is the 20% darker color. If you saturate the color by 10%, you get **39.3501, 49.8519, 10.9532**, and if you desaturate by 10%, it is **41.7893, 50.9576, 17.9206**.

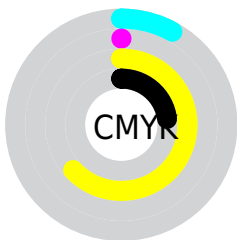
Distribution



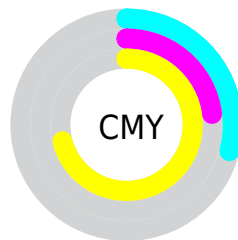
- Red (71%)
- Green (77%)
- Blue (29%)



- Red (29%)
- Yellow (77%)
- Blue (35%)



- Cyan (8%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4603, 50.3586, 13.8910 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 40.4603, 50.3586, 13.8910 by changing the saturation by 10% instead.

40.4603, 50.3586,
13.8910

40.4603, 50.3586,
13.8910

339.1611,
388.0666, 227.9565

28.0834, 35.6984,
7.9070

75.1438, 90.7060,
33.6098

18.5293, 24.2014,
3.9486

98.1812, 117.1619,
48.1818

11.4327, 15.4831,
1.5972

125.5028,
148.3186, 66.4534

6.4281, 9.1591,
0.2888

157.4739,
184.5604, 88.8433

3.1502, 4.8451,
0.0000

194.4599,
226.2717, 115.7701

1.2337, 2.1567,
0.0000

236.8262,

0.1327, 0.6962,

273.8369, 147.6521

0.0000

284.9382,
327.6404, 184.9081

■ 0.0000, 0.0000,
0.0000

■ 40.4603, 50.3586,
13.8910

■ 40.4603, 50.3586,
13.8910

■ 39.3501, 49.8519,
10.9532

■ 41.7893, 50.9576,
17.9206

■ 38.4348, 49.4223,
8.9972

■ 43.3513, 51.6491,
23.1321

■ 37.6911, 49.0626,
7.8955

■ 45.1633, 52.4418,
29.6095

■ 37.2377, 48.8379,
7.4640

■ 47.2397, 53.3413,
37.4285

■ 49.5939, 54.3530,
46.6588

■ 52.2380, 55.4819,
57.3654

■ 55.1839, 56.7326,
69.6090

■ 58.4423, 58.1095,
83.4471

■ 62.0237, 59.6167,
98.9342

Harmonies

Analogous

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



51.7367, 50.3586, 12.6835



40.4603, 50.3586, 13.8910



32.5485, 50.3586, 23.1368

Triad

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



40.4603, 50.3586, 13.8910



34.8954, 50.3586, 120.9026



73.6453, 50.3586, 66.3610

Complementary

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



40.4603, 50.3586, 13.8910



16.4867, 10.8721, 54.0559

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.



67.3591, 50.3586, 107.0810



40.4603, 50.3586, 13.8910



44.1901, 50.3586, 146.0350

Square

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



40.4603, 50.3586, 13.8910



29.7175, 50.3586, 80.4244



56.1207, 50.3586, 140.1445



72.2084, 50.3586, 35.3416

Rectangle

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



40.4603, 50.3586, 13.8910



29.6498, 50.3586, 35.8915



56.1207, 50.3586, 140.1445



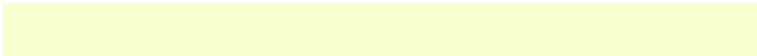
72.3311, 50.3586, 79.4817

Sweetspot

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



40.4615, 50.3609, 13.8921



86.0834, 96.1680, 72.7686



27.6764, 19.2449, 8.5599



18.1722, 20.4748, 14.5929



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.4615, 50.3609, 13.8921



69.7402, 88.9395, 17.9345



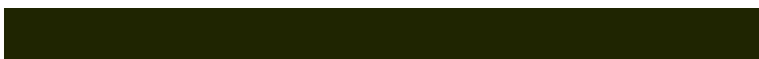
28.9906, 44.4474, 13.3552



11.3927, 12.3494, 11.3460



24.5388, 32.1455, 4.9114



1.1984, 1.5409, 0.2343

Inverse Universe

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



16.4867, 10.8721, 54.0559



23.4441, 12.4939, 95.7837



24.9420, 15.2310, 54.4516



10.1740, 10.3479, 13.3786



6.9122, 2.7976, 34.9200



0.3679, 0.1534, 1.6554

Previews

White Background



This preview shows how the XYZ color 40.4603, 50.3586, 13.8910 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 40.4603, 50.3586, 13.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

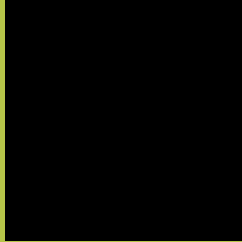
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4603, 50.3586, 13.8910

Background



This preview shows how black text looks on a background with the XYZ color 40.4603, 50.3586, 13.8910.



This preview shows how white text looks on a background with the XYZ color 40.4603, 50.3586,

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

40.4603, 50.3586, 13.8910

Protanopia

45.6989, 50.1230, 13.2274

Deuteranopia

51.1357, 50.1284, 14.3777



Tritanopia

49.9550, 50.0066, 61.0522

Trichromacy



Original Color

40.4603, 50.3586, 13.8910

Protanomaly

43.6199, 50.0088, 13.4845

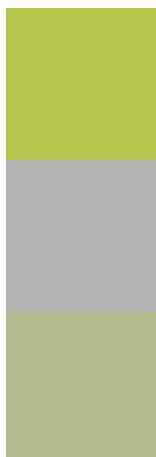
Deuteranomaly

46.6300, 49.9498, 14.2048

Tritanomaly

45.1826, 49.6422, 37.3375

Monochromacy



Original Color

40.4603, 50.3586, 13.8910

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.6730, 46.1751, 31.5799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4603, 50.3586, 13.8910 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, 197, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 73)  
}
```

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, 197, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 73) }
```

Border

The CSS property to change the border of an element to XYZ 40.4603, 50.3586, 13.8910 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, 197, 73) }
```


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

```
.border{ border-color:rgb(182, 197, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4603, 50.3586, 13.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 73) }
```

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

```
.background{ background-color: rgb(182,  
197, 73) }
```

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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