

Converting Colors

XYZ(40.2302, 45.9392, 43.1190)

Have a look what the booklet for
XYZ(40.2302, 45.9392, 43.1190)
contains.

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Color

**XYZ(40.2598, 46.0148,
43.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BAA7
RGB	166, 186, 167
RGB Percent	65%, 73%, 65%
CMY	0.3490, 0.2706, 0.3451
CMYK	0.11, 0.00, 0.10, 0.27
HSL	123°, 13%, 69%
HSV	123°, 11%, 73%
XYZ	40.2598, 46.0148, 43.3190
YIQ	177.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

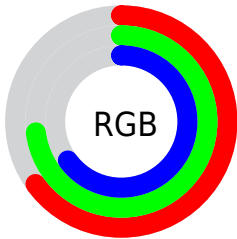
Format	Color
RYB	166, 185, 186
Decimal	10926759
CIELab	73.56, -10.51, 7.31
CIElCh	74, 12.801, 145.184
Yxy	46.0148, 0.3107, 0.3551
Android (android.graphics.Color)	4289116839 (0xFFA6BAA7)
YUV	177.8540, -5.3510, -10.3960
Hunter-Lab	67.8342, -12.7696, 9.6213

Details

The XYZ color **40.2598, 46.0148, 43.3190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6445, 41.2154, 51.6088**, and the grayscale version is **42.2703, 44.4717, 48.4297**.

A 20% lighter version of the original color is **74.7557, 84.1503, 81.4098**, and **18.4215, 21.5903, 19.4161** is the 20% darker color. If you saturate the color by 10%, you get **35.1157, 43.5403, 35.1259**, and if you desaturate by 10%, it is **46.1937, 48.8733, 52.7162**.

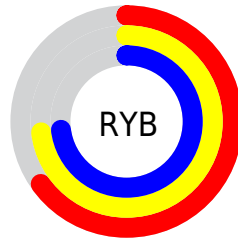
Distribution



Red (65%)

Green (73%)

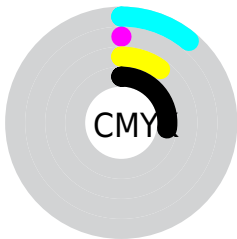
Blue (65%)



Red (65%)

Yellow (73%)

Blue (73%)

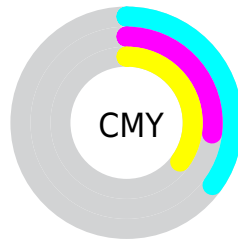


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2598, 46.0148, 43.3190 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 40.2598, 46.0148, 43.3190 by changing the saturation by 10% instead.

■ 40.2598, 46.0148,
43.3190

■ 40.2598, 46.0148,
43.3190

338.3330,
370.8681, 375.8817

■ 27.9263, 32.2575,
29.8022

■ 74.8408, 84.2411,
81.4835

■ 18.4103, 21.5583,
19.4377

■ 97.8190, 109.4790,
106.9684

■ 11.3464, 13.5327,
11.8070

125.0761,
139.3125, 137.2797

■ 6.3693, 7.7964,
6.4915

156.9775,
174.1260, 172.8360

■ 3.1137, 3.9649,
3.0726

193.8885,
214.3039, 214.0558

■ 1.2142, 1.6540,
1.1318

236.1746,

■ 0.1175, 0.3936,

260.2306, 261.3576

0.0000

284.2009,
312.2906, 315.1601

0.0000, 0.0000,
0.0000

40.2598, 46.0148,
43.3190

40.2598, 46.0148,
43.3190

35.1157, 43.5403,
35.1259

46.1937, 48.8733,
52.7162

30.7244, 41.4278,
28.0853

52.9446, 52.1249,
63.3602

27.0518, 39.6621,
22.1466

60.5433, 55.7859,
75.2953

24.0596, 38.2248,
17.2539

69.0178, 59.8698,
88.5627

21.7059, 37.0955,
13.3467

76.8498, 63.5996,
102.8333

■ 19.9444, 36.2516,
10.3582

■ 18.7221, 35.6677,
8.2132

■ 17.9770, 35.3136,
6.8250

■ 17.6108, 35.1400,
6.1216

Harmonies

Analogous

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



41.9102, 46.0148, 39.6503



40.2598, 46.0148, 43.3190



39.5416, 46.0148, 49.0633

Triad

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



40.2598, 46.0148, 43.3190



43.3714, 46.0148, 63.5738



47.7926, 46.0148, 44.9845

Complementary

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



40.2598, 46.0148, 43.3190



42.6445, 41.2154, 51.6088

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.



48.2163, 46.0148, 51.1558



40.2598, 46.0148, 43.3190



45.6135, 46.0148, 62.2464

Square

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



40.2598, 46.0148, 43.3190



41.2982, 46.0148, 61.0451



47.4061, 46.0148, 57.5591



46.2673, 46.0148, 40.5522

Rectangle

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



40.2598, 46.0148, 43.3190



39.6694, 46.0148, 53.4376



47.4061, 46.0148, 57.5591



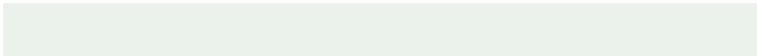
48.0708, 46.0148, 46.9088

Sweetspot

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



40.2611, 46.0168, 43.3200



81.1272, 87.3306, 91.4402



44.4514, 48.1876, 43.0352



17.6679, 19.1365, 19.8239



90.7827, 95.5105, 104.0109



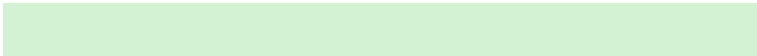
18.6292, 19.5994, 21.3438

Same Dimension

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



40.2611, 46.0168, 43.3200



70.5468, 82.2365, 74.6625



41.2220, 46.4011, 48.3801



8.9081, 10.0672, 9.6733



11.8557, 23.6432, 4.1621



0.4241, 0.8360, 0.1793

Inverse Universe

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



42.6445, 41.2154, 51.6088



75.7666, 71.7211, 92.8151



41.6252, 40.8077, 46.2415



9.3610, 9.1548, 11.2485



18.9506, 9.1540, 28.6901



0.6740, 0.3251, 1.0429

Previews

White Background



This preview shows how the XYZ color 40.2598, 46.0148, 43.3190 looks on a white background.

Color Contrast Check

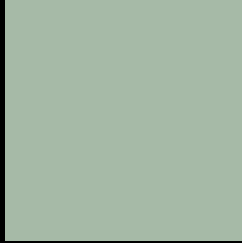
Large Text (above 18pt) WCAG AA × Fail

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 40.2598, 46.0148, 43.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

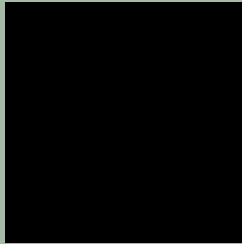
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

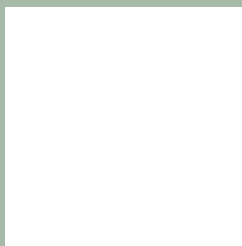
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2598, 46.0148, 43.3190

Background



This preview shows how black text looks on a background with the XYZ color 40.2598, 46.0148, 43.3190.



This preview shows how white text looks on a background with the XYZ color 40.2598, 46.0148,

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

40.2598, 46.0148, 43.3190

Protanopia

43.7611, 46.0142, 41.6971

Deuteranopia

46.6546, 45.6932, 43.8968



Tritanopia

43.4863, 46.0993, 58.8306

Trichromacy



Original Color

40.2598, 46.0148, 43.3190

Protanomaly

42.3419, 45.8758, 42.2206

Deuteranomaly

43.9745, 45.4868, 43.5079

Tritanomaly

42.0526, 45.8048, 52.5237

Monochromacy



Original Color

40.2598, 46.0148, 43.3190

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6194, 45.1024, 46.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2598, 46.0148, 43.3190 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(166, 186, 167)` looks like.

```
.text, #text, p{  
    color:rgb(166, 186, 167)  
}
```

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(166, 186, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 186, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.2598, 46.0148, 43.3190 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(166, 186, 167) }
```


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

```
.border{ border-color:rgb(166, 186, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 186, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 186, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 186, 167);  
box-shadow:4px 4px 4px 4px rgb(166, 186,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2598, 46.0148, 43.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 186, 167) }
```

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

```
.background{ background-color: rgb(166,  
186, 167) }
```

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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