

Converting Colors

XYZ(40.2542, 46.6033, 58.6396)

Have a look what the booklet for
XYZ(40.2542, 46.6033, 58.6396)
contains.

XYZ(40.2607, 46.6312, 58.5085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.2607, 46.6312,
58.5085)**

Conversions

Conversions Part 1

Format	Color
Hex	94BDC3
RGB	148, 189, 195
RGB Percent	58%, 74%, 76%
CMY	0.4196, 0.2588, 0.2353
CMYK	0.24, 0.03, 0.00, 0.24
HSL	188°, 28%, 67%
HSV	188°, 24%, 76%
XYZ	40.2607, 46.6312, 58.5085
YIQ	177.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

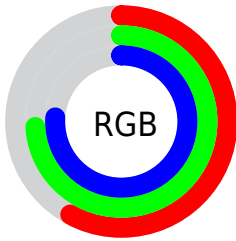
Format	Color
RYB	148, 170, 195
Decimal	9747907
CIELab	73.95, -12.22, -7.51
CIElCh	74, 14.344, 211.556
Yxy	46.6312, 0.2769, 0.3207
Android (android.graphics.Color)	4287937987 (0xFF94BDC3)
YUV	177.4250, 8.6645, -25.8057
Hunter-Lab	68.2870, -14.2622, -2.9989

Details

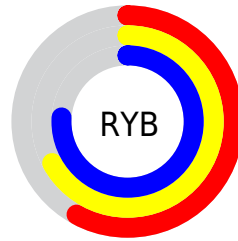
The XYZ color **40.2607, 46.6312, 58.5085** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4072, 36.8518, 33.0542**, and the grayscale version is **41.9803, 44.1665, 48.0974**.

A 20% lighter version of the original color is **74.8517, 85.0296, 104.5627**, and **18.4357, 22.0182, 28.4776** is the 20% darker color. If you saturate the color by 10%, you get **36.4960, 43.9037, 58.1812**, and if you desaturate by 10%, it is **44.6316, 49.6872, 58.8688**.

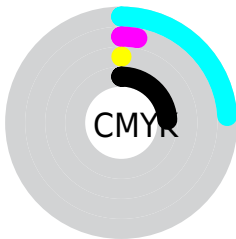
Distribution



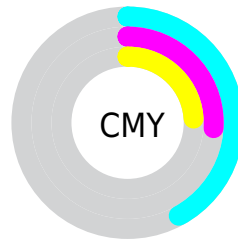
- Red (58%)
- Green (74%)
- Blue (76%)



- Red (58%)
- Yellow (67%)
- Blue (76%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2607, 46.6312, 58.5085 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 40.2607, 46.6312, 58.5085 by changing the saturation by 10% instead.

■ 40.2607, 46.6312,
58.5085

■ 40.2607, 46.6312,
58.5085

338.3368,
373.3405, 436.7291

■ 27.9270, 32.7442,
41.8002

■ 74.8422, 85.1629,
104.1851

■ 18.4108, 21.9306,
28.6205

■ 97.8206, 110.5763,
133.9904

■ 11.3468, 13.8059,
18.5508

125.0780,
140.6007, 168.9985

■ 6.3696, 7.9858,
11.1726

156.9797,
175.6204, 209.6279

■ 3.1139, 4.0858,
6.0674

193.8911,
216.0199, 256.2971

■ 1.2143, 1.7217,
2.8167

236.1775,

■ 0.1176, 0.4376,

262.1834, 309.4247

1.0018

284.2043,
314.4955, 369.4292

■ 0.0000, 0.0000,
0.0000

■ 40.2607, 46.6312,
58.5085

■ 40.2607, 46.6312,
58.5085

■ 36.4960, 43.9037,
58.1812

■ 44.6316, 49.6872,
58.8688

■ 33.3035, 41.4836,
57.8824

■ 49.6322, 53.0803,
59.2601

■ 30.6522, 39.3560,
57.6114

■ 55.2899, 56.8259,
59.6849

■ 28.5065, 37.5025,
57.3668

■ 61.6292, 60.9368,
60.1443

■ 26.8264, 35.9024,
57.1465

■ 68.6733, 65.4249,
60.6393

■ 25.5657, 34.5318,
56.9484

■ 72.6678, 68.3548,
60.9943

■ 24.6687, 33.3619,
56.7698

■ 73.2637, 69.5467,
61.1930

■ 24.2471, 32.7334,
56.6707

■ 73.8692, 70.7577,
61.3948

■ 74.4842, 71.9877,
61.5998

Harmonies

Analogous

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



39.5840, 46.6312, 51.1569



40.2607, 46.6312, 58.5085



42.0197, 46.6312, 64.1950

Triad

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



40.2607, 46.6312, 58.5085



48.7889, 46.6312, 57.7833



44.1881, 46.6312, 37.9529

Complementary

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



40.2607, 46.6312, 58.5085



39.4072, 36.8518, 33.0542

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.



46.7060, 46.6312, 39.3665



40.2607, 46.6312, 58.5085



49.4228, 46.6312, 50.3919

Square

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



40.2607, 46.6312, 58.5085



46.9460, 46.6312, 63.7488



48.6467, 46.6312, 43.7521



41.7968, 46.6312, 39.6902

Rectangle

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



40.2607, 46.6312, 58.5085



43.6032, 46.6312, 66.0220



48.6467, 46.6312, 43.7521



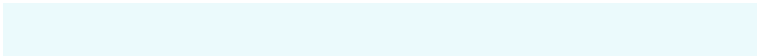
45.0478, 46.6312, 38.0745

Sweetspot

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



40.2621, 46.6331, 58.5096



86.0762, 93.1737, 105.9174



37.5186, 47.6429, 37.5664



18.7262, 20.3206, 23.1852



0.0000, 0.0000, 0.0000



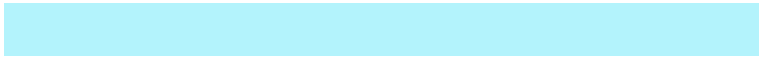
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2621, 46.6331, 58.5096



68.3707, 80.8346, 104.4689



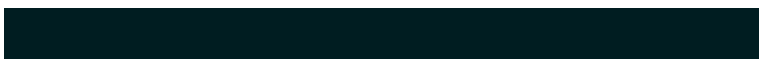
35.7033, 37.5156, 56.9900



10.2554, 11.2020, 12.9065



15.8021, 21.3606, 36.8468



0.7140, 0.9854, 1.6025

Inverse Universe

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



42.2820, 36.4572, 52.9546



72.6701, 59.5934, 92.5516



43.5707, 45.1789, 34.4421



10.4402, 10.2247, 12.4086



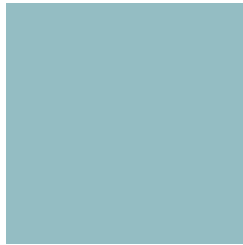
19.3721, 9.4386, 25.6694



0.8528, 0.4141, 1.1922

Previews

White Background



This preview shows how the XYZ color 40.2607, 46.6312, 58.5085 looks on a white background.

Color Contrast Check

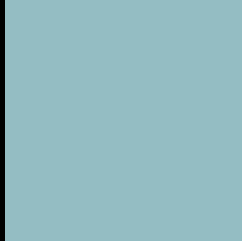
Large Text (above 18pt) WCAG AA × Fail

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 40.2607, 46.6312, 58.5085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

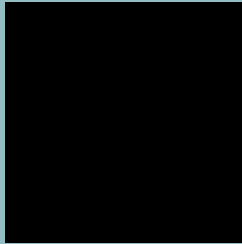
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2607, 46.6312, 58.5085

Background



This preview shows how black text looks on a background with the XYZ color 40.2607, 46.6312, 58.5085.



This preview shows how white text looks on a background with the XYZ color 40.2607, 46.6312,

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

40.2607, 46.6312, 58.5085

Protanopia

44.9069, 46.3053, 55.2862

Deuteranopia

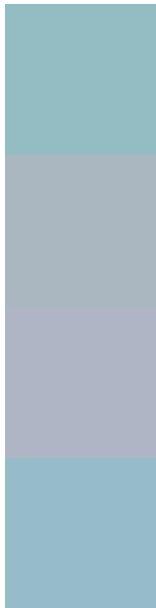
47.2042, 46.2043, 59.8565



Tritanopia

41.3404, 46.7623, 63.3471

Trichromacy



Original Color

40.2607, 46.6312, 58.5085

Protanomaly

43.0255, 46.2188, 56.5226

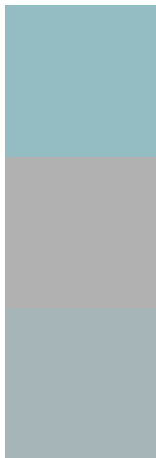
Deuteranomaly

44.2811, 46.1929, 59.4056

Tritanomaly

40.8030, 46.5261, 61.4735

Monochromacy



Original Color

40.2607, 46.6312, 58.5085

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.9015, 44.6154, 51.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2607, 46.6312, 58.5085 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(148, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(148, 189, 195)  
}
```

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(148, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 189, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.2607, 46.6312, 58.5085 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(148, 189, 195) }
```


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

```
.border{ border-color:rgb(148, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(148, 189,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2607, 46.6312, 58.5085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 189, 195) }
```

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

```
.background{ background-color: rgb(148,  
189, 195) }
```

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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