

Converting Colors

XYZ(40.5369, 46.4072, 58.7586)

Have a look what the booklet for
XYZ(40.5369, 46.4072, 58.7586)
contains.

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Color

**XYZ(40.7095, 46.5313,
59.0604)**

Conversions

Conversions Part 1

Format	Color
Hex	97BCC4
RGB	151, 188, 196
RGB Percent	59%, 74%, 77%
CMY	0.4078, 0.2627, 0.2314
CMYK	0.23, 0.04, 0.00, 0.23
HSL	191°, 28%, 68%
HSV	191°, 23%, 77%
XYZ	40.7095, 46.5313, 59.0604
YIQ	177.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

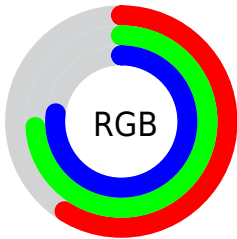
Format	Color
RYB	151, 171, 196
Decimal	9944260
CIELab	73.89, -10.56, -8.13
CIElCh	74, 13.322, 217.594
Yxy	46.5313, 0.2783, 0.3181
Android (android.graphics.Color)	4288134340 (0xFF97BCC4)
YUV	177.8490, 8.9484, -23.5466
Hunter-Lab	68.2139, -12.8468, -3.5843

Details

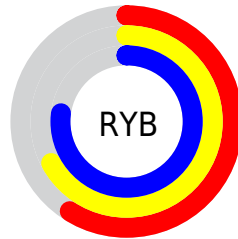
The XYZ color **40.7095, 46.5313, 59.0604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7494, 38.7664, 34.6139**, and the grayscale version is **42.2017, 44.3995, 48.3510**.

A 20% lighter version of the original color is **75.5339, 84.9150, 105.3377**, and **18.6920, 21.9336, 28.8396** is the 20% darker color. If you saturate the color by 10%, you get **36.6352, 43.3407, 58.6600**, and if you desaturate by 10%, it is **45.4092, 50.0734, 59.4972**.

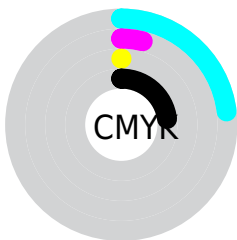
Distribution



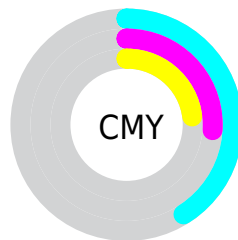
- Red (59%)
- Green (74%)
- Blue (77%)



- Red (59%)
- Yellow (67%)
- Blue (77%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (41%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7095, 46.5313, 59.0604 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 40.7095, 46.5313, 59.0604 by changing the saturation by 10% instead.

■ 40.7095, 46.5313,
59.0604

■ 40.7095, 46.5313,
59.0604

340.1884,
372.9406, 438.8338

■ 28.2788, 32.6653,
42.2414

■ 75.5202, 85.0136,
104.9954

■ 18.6775, 21.8702,
28.9634

■ 98.6310, 110.3986,
134.9486

■ 11.5401, 13.7615,
18.8078

126.0324,
140.3921, 170.1168

■ 6.5013, 7.9550,
11.3561

158.0900,
175.3785, 210.9187

■ 3.1958, 4.0662,
6.1897

195.1690,
215.7422, 257.7728

■ 1.2581, 1.7106,
2.8901

237.6349,

■ 0.1515, 0.4305,

261.8674, 311.0977

1.0388

285.8529,
314.1388, 371.3118

■ 0.0000, 0.0000,
0.0000

■ 40.7095, 46.5313,
59.0604

■ 40.7095, 46.5313,
59.0604

■ 36.6352, 43.3407,
58.6600

■ 45.4092, 50.0734,
59.4972

■ 33.1523, 40.4802,
58.2915

■ 50.7583, 53.9759,
59.9685

■ 30.2295, 37.9348,
57.9542

■ 56.7841, 58.2543,
60.4767

■ 27.8312, 35.6858,
57.6465

■ 63.5115, 62.9216,
61.0230

■ 25.9172, 33.7125,
57.3665

■ 70.9640, 67.9901,
61.6085

■ 24.4418, 31.9910,
57.1120

■ 73.9809, 70.7995,
61.9918

■ 23.3496, 30.4925,
56.8803

■ 74.8445, 72.5266,
62.2796

■ 22.7381, 29.5339,
56.7275

■ 75.7268, 74.2913,
62.5738

■ 76.6280, 76.0938,
62.8742

Harmonies

Analogous

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



39.8570, 46.5313, 52.4109



40.7095, 46.5313, 59.0604



42.5104, 46.5313, 63.7287

Triad

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



40.7095, 46.5313, 59.0604



48.5796, 46.5313, 55.8097



43.6265, 46.5313, 38.7863

Complementary

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



40.7095, 46.5313, 59.0604



40.7494, 38.7664, 34.6139

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.



45.9884, 46.5313, 39.5204



40.7095, 46.5313, 59.0604



48.9044, 46.5313, 48.9577

Square

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



40.7095, 46.5313, 59.0604



47.0684, 46.5313, 61.7380



47.9407, 46.5313, 43.1049



41.5015, 46.5313, 41.0016

Rectangle

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



40.7095, 46.5313, 59.0604



44.0353, 46.5313, 64.8714



47.9407, 46.5313, 43.1049



44.4184, 46.5313, 38.7001

Sweetspot

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



40.7109, 46.5332, 59.0615



87.7815, 94.7630, 108.2722



38.7179, 48.5459, 39.9043



18.6609, 20.1899, 23.1635



0.0000, 0.0000, 0.0000



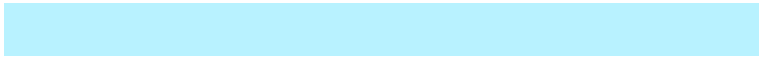
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7109, 46.5332, 59.0615



69.5661, 81.0503, 106.5855



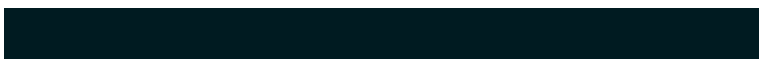
36.3634, 37.8382, 57.6123



10.2114, 11.1141, 12.8919



14.6669, 19.0902, 36.4684



0.6745, 0.9064, 1.5893

Inverse Universe

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



42.9097, 37.5008, 52.5560



74.3712, 61.8045, 92.2589



44.8756, 47.0187, 35.9893



10.4180, 10.2158, 12.2917



18.7991, 9.2094, 22.6520



0.8328, 0.4061, 1.0872

Previews

White Background



This preview shows how the XYZ color 40.7095, 46.5313, 59.0604 looks on a white background.

Color Contrast Check

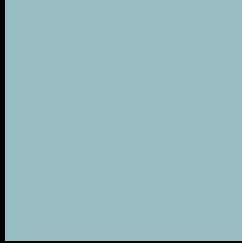
Large Text (above 18pt) WCAG AA × Fail

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 40.7095, 46.5313, 59.0604 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

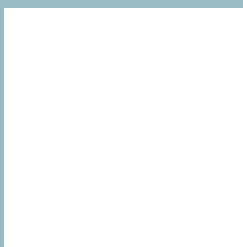
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7095, 46.5313, 59.0604

Background



This preview shows how black text looks on a background with the XYZ color 40.7095, 46.5313, 59.0604.



This preview shows how white text looks on a background with the XYZ color 40.7095, 46.5313,

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

40.7095, 46.5313, 59.0604

Protanopia

44.7813, 46.2279, 55.8529

Deuteranopia

47.2042, 46.2043, 59.8565



Tritanopia

41.3799, 46.4803, 62.6678

Trichromacy



Original Color

40.7095, 46.5313, 59.0604

Protanomaly

43.1367, 46.2633, 57.1082

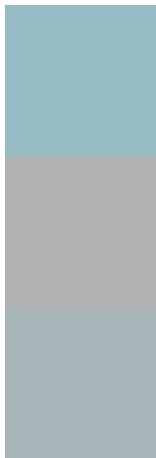
Deuteranomaly

44.3038, 45.9038, 59.3486

Tritanomaly

41.1445, 46.3862, 61.4285

Monochromacy



Original Color

40.7095, 46.5313, 59.0604

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6334, 45.2835, 52.4452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7095, 46.5313, 59.0604 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(151, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 196)  
}
```

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(151, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.7095, 46.5313, 59.0604 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(151, 188, 196) }
```


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

```
.border{ border-color:rgb(151, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7095, 46.5313, 59.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 196) }
```

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

```
.background{ background-color: rgb(151,  
188, 196) }
```

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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