

Converting Colors

XYZ(39.1555, 46.0104, 60.8512)

Have a look what the booklet for
XYZ(39.1555, 46.0104, 60.8512)
contains.

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Color

**XYZ(39.1539, 46.0077,
60.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBDC7
RGB	139, 189, 199
RGB Percent	55%, 74%, 78%
CMY	0.4549, 0.2588, 0.2196
CMYK	0.30, 0.05, 0.00, 0.22
HSL	190°, 35%, 66%
HSV	190°, 30%, 78%
XYZ	39.1539, 46.0077, 60.8496
YIQ	175.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

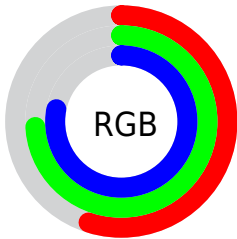
Format	Color
R _{YB}	139, 166, 199
Decimal	9158087
CIE _{Lab}	73.55, -13.96, -10.34
CIE _{LCh}	74, 17.373, 216.530
Yxy	46.0077, 0.2682, 0.3151
Android (android.graphics.Color)	4287348167 (0xFF8BBDC7)
YUV	175.1900, 11.7383, -31.7386
Hunter-Lab	67.8290, -15.6626, -5.7090

Details

The XYZ color **39.1539, 46.0077, 60.8496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9615, 35.5016, 29.2262**, and the grayscale version is **40.8004, 42.9252, 46.7456**.

A 20% lighter version of the original color is **72.9505, 83.9941, 106.9753**, and **17.7527, 21.6311, 30.0276** is the 20% darker color. If you saturate the color by 10%, you get **35.4240, 43.0391, 60.4740**, and if you desaturate by 10%, it is **43.5077, 49.3244, 61.2611**.

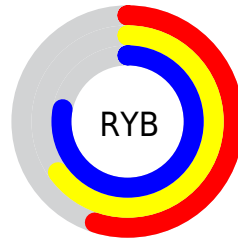
Distribution



Red (55%)

Green (74%)

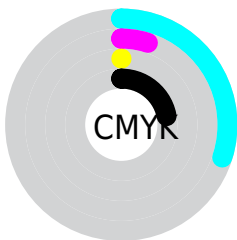
Blue (78%)



Red (55%)

Yellow (65%)

Blue (78%)

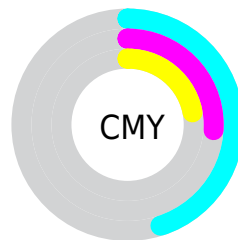


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1539, 46.0077, 60.8496 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 39.1539, 46.0077, 60.8496 by changing the saturation by 10% instead.

■ 39.1539, 46.0077,
60.8496

■ 39.1539, 46.0077,
60.8496

333.7403,
370.8396, 445.6136

■ 27.0607, 32.2519,
43.6740

■ 73.1659, 84.2305,
107.6165

■ 17.7557, 21.5540,
30.0790

■ 95.8155, 109.4663,
138.0450

■ 10.8733, 13.5295,
19.6460

■ 122.7146,
139.2976, 173.7282

■ 6.0484, 7.7942,
11.9565

154.2286,
174.1087, 215.0846

■ 2.9155, 3.9635,
6.5919

190.7228,
214.2841, 262.5328

■ 1.1092, 1.6532,
3.1336

232.5625,

■ 0.0328, 0.3931,

260.2081, 316.4914

1.1633

280.1133,
312.2651, 377.3788

■ 0.0000, 0.0000,
0.0000

■ 39.1539, 46.0077,
60.8496

■ 39.1539, 46.0077,
60.8496

■ 35.4240, 43.0391,
60.4740

■ 43.5077, 49.3244,
61.2611

■ 32.2809, 40.3959,
60.1294

■ 48.5117, 52.9995,
61.7067

■ 29.6899, 38.0613,
59.8154

■ 54.1958, 57.0498,
62.1889

■ 27.6108, 36.0143,
59.5298

■ 60.5866, 61.4890,
62.7089

■ 25.9981, 34.2313,
59.2707

■ 67.7094, 66.3305,
63.2680

■ 24.7974, 32.6841,
59.0353

■ 74.3248, 70.9353,
63.8082

■ 23.9163, 31.3383,
58.8220

■ 75.1464, 72.5785,
64.0820

■ 75.9850, 74.2557,
64.3616

■ 76.8408, 75.9672,
64.6468

Harmonies

Analogous

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



38.1211, 46.0077, 52.0425



39.1539, 46.0077, 60.8496



41.4193, 46.0077, 67.2619

Triad

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



39.1539, 46.0077, 60.8496



49.3717, 46.0077, 57.1356



43.0608, 46.0077, 35.1022

Complementary

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



39.1539, 46.0077, 60.8496



38.9615, 35.5016, 29.2262

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.



46.1229, 46.0077, 36.1292



39.1539, 46.0077, 60.8496



49.8614, 46.0077, 48.1959

Square

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



39.1539, 46.0077, 60.8496



47.3386, 46.0077, 64.9483



48.6472, 46.0077, 40.6879



40.3076, 46.0077, 37.6980

Rectangle

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



39.1539, 46.0077, 60.8496



43.3726, 46.0077, 68.9406



48.6472, 46.0077, 40.6879



44.0873, 46.0077, 35.0402

Sweetspot

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



39.1553, 46.0095, 60.8507



85.8971, 93.4884, 108.1255



36.4172, 48.4749, 35.4553



18.0890, 19.7962, 23.1176



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.



39.1553, 46.0095, 60.8507



64.2680, 77.1731, 106.1164



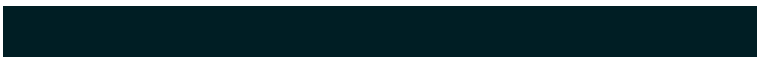
33.5281, 34.7552, 58.9749



10.7905, 11.7550, 13.6177



15.4337, 20.2614, 37.8418



0.7719, 1.0416, 1.8055

Inverse Universe

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



41.9723, 34.2827, 52.5512



70.0568, 53.7991, 88.8989



44.1347, 45.8480, 30.9506



11.0043, 10.7851, 13.0058



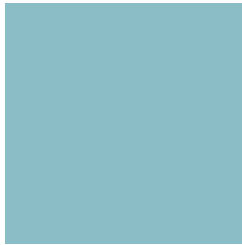
19.5896, 9.5854, 24.1123



0.9483, 0.4622, 1.2509

Previews

White Background



This preview shows how the XYZ color 39.1539, 46.0077, 60.8496 looks on a white background.

Color Contrast Check

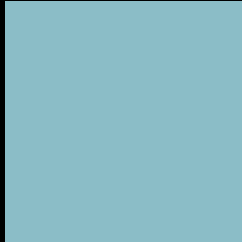
Large Text (above 18pt) WCAG AA × Fail

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 39.1539, 46.0077, 60.8496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

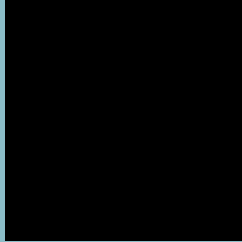
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1539, 46.0077, 60.8496

Background



This preview shows how black text looks on a background with the XYZ color 39.1539, 46.0077, 60.8496.



This preview shows how white text looks on a background with the XYZ color 39.1539, 46.0077,

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

39.1539, 46.0077, 60.8496

Protanopia

44.5681, 45.7938, 56.9422

Deuteranopia

46.4842, 45.4890, 62.2074



Tritanopia

39.5779, 45.8537, 63.2646

Trichromacy



Original Color

39.1539, 46.0077, 60.8496

Protanomaly

42.3009, 45.8064, 58.2418

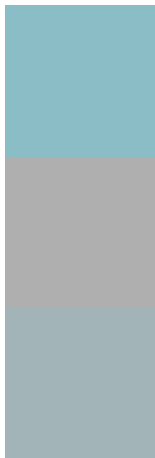
Deuteranomaly

43.4414, 45.4056, 61.7329

Tritanomaly

39.4591, 45.8062, 62.6389

Monochromacy



Original Color

39.1539, 46.0077, 60.8496

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.8733, 43.7846, 51.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1539, 46.0077, 60.8496 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(139, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 189, 199)  
}
```

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(139, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 189, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.1539, 46.0077, 60.8496 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(139, 189, 199) }
```


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

```
.border{ border-color:rgb(139, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 189,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1539, 46.0077, 60.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 189, 199) }
```

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

```
.background{ background-color: rgb(139,  
189, 199) }
```

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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