

Converting Colors

XYZ(39.5781, 46.8176, 60.9227)

Have a look what the booklet for
XYZ(39.5781, 46.8176, 60.9227)
contains.

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Color

**XYZ(39.5871, 46.8741,
60.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBFC7
RGB	139, 191, 199
RGB Percent	55%, 75%, 78%
CMY	0.4549, 0.2510, 0.2196
CMYK	0.30, 0.04, 0.00, 0.22
HSL	188°, 35%, 66%
HSV	188°, 30%, 78%
XYZ	39.5871, 46.8741, 60.9940
YIQ	176.3640, -33.5600, -8.5360

Conversions

Conversions Part 2

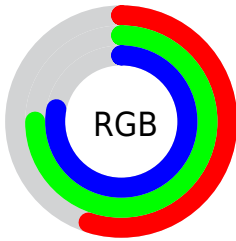
Format	Color
R_{YB}	139, 167, 199
Decimal	9158599
CIE _{Lab}	74.11, -15.00, -9.51
CIE _{LCh}	74, 17.761, 212.369
Yxy	46.8741, 0.2685, 0.3179
Android (android.graphics.Color)	4287348679 (0xFF8BBFC7)
YUV	176.3640, 11.1595, -32.7682
Hunter-Lab	68.4647, -16.6023, -4.8952

Details

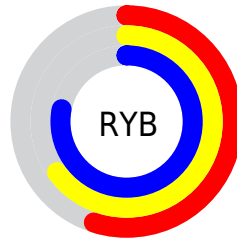
The XYZ color **39.5871, 46.8741, 60.9940** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6478, 34.8741, 29.1216**, and the grayscale version is **41.4140, 43.5708, 47.4486**.

A 20% lighter version of the original color is **73.5589, 85.2109, 107.1781**, and **17.8942, 21.9141, 30.0748** is the 20% darker color. If you saturate the color by 10%, you get **35.9891, 44.1694, 60.6624**, and if you desaturate by 10%, it is **43.8032, 49.9153, 61.3596**.

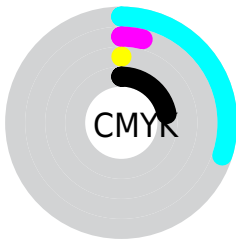
Distribution



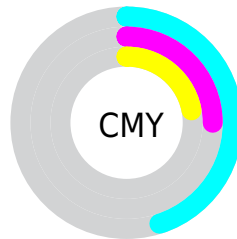
- Red (55%)
- Green (75%)
- Blue (78%)



- Red (55%)
- Yellow (65%)
- Blue (78%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5871, 46.8741, 60.9940 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 39.5871, 46.8741, 60.9940 by changing the saturation by 10% instead.

■ 39.5871, 46.8741,
60.9940

■ 39.5871, 46.8741,
60.9940

335.5445,
374.3118, 446.1580

■ 27.3995, 32.9361,
43.7898

■ 73.8227, 85.5257,
107.8277

■ 18.0116, 22.0775,
30.1693

■ 96.6014, 111.0081,
138.2943

■ 11.0581, 13.9139,
19.7140

■ 123.6413,
141.1074, 174.0187

■ 6.1735, 8.0608,
12.0053

155.3076,
176.2080, 215.4196

■ 2.9925, 4.1339,
6.6247

191.9657,
216.6944, 262.9154

■ 1.1498, 1.7487,
3.1537

233.9810,

■ 0.0662, 0.4549,

262.9509, 316.9247

1.1736

281.7188,
315.3619, 377.8660

■ 0.0000, 0.0000,
0.0000

■ 39.5871, 46.8741,
60.9940

■ 39.5871, 46.8741,
60.9940

■ 35.9891, 44.1694,
60.6624

■ 43.8032, 49.9153,
61.3596

■ 32.9721, 41.7785,
60.3599

■ 48.6636, 53.3032,
61.7574

■ 30.5015, 39.6846,
60.0859

■ 54.1981, 57.0543,
62.1897

■ 28.5372, 37.8671,
59.8387

■ 60.4334, 61.1825,
62.6579

■ 27.0336, 36.3023,
59.6159

■ 67.3946, 65.7008,
63.1631

■ 25.9364, 34.9622,
59.4150

■ 73.8423, 69.9703,
63.6474

■ 25.1520, 33.8096,
59.2339

■ 74.4901, 71.2659,
63.8633

■ 75.1487, 72.5831,
64.0828

■ 75.8183, 73.9222,
64.3060

Harmonies

Analogous

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



38.7206, 46.8741, 51.7648



39.5871, 46.8741, 60.9940



41.7776, 46.8741, 68.1689

Triad

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



39.5871, 46.8741, 60.9940



50.1895, 46.8741, 59.5938



44.3003, 46.8741, 35.4707

Complementary

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



39.5871, 46.8741, 60.9940



38.6478, 34.8741, 29.1216

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.



47.4475, 46.8741, 37.0481



39.5871, 46.8741, 60.9940



50.9422, 46.8741, 50.3179

Square

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



39.5871, 46.8741, 60.9940



47.9052, 46.8741, 67.2953



49.9165, 46.8741, 42.2289



41.3598, 46.8741, 37.6355

Rectangle

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



39.5871, 46.8741, 60.9940



43.7457, 46.8741, 70.4265



49.9165, 46.8741, 42.2289



45.3690, 46.8741, 35.5807

Sweetspot

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



39.5885, 46.8760, 60.9951



86.1368, 93.9678, 108.2054



36.2602, 48.4121, 34.6286



18.1485, 19.9151, 23.1374



0.0000, 0.0000, 0.0000



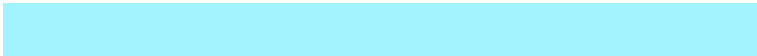
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5885, 46.8760, 60.9951



65.1750, 78.9871, 106.4187



33.8777, 35.4543, 59.0915



10.8215, 11.8171, 13.6281



16.2195, 21.8329, 38.1037



0.8023, 1.1025, 1.8157

Inverse Universe

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



42.1910, 34.3701, 53.7027



70.5146, 53.9822, 91.3097



43.7397, 45.0579, 30.8189



11.0199, 10.7914, 13.0882



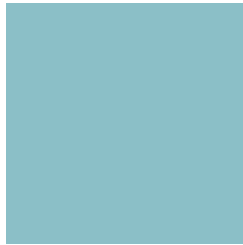
19.9862, 9.7440, 26.2009



0.9637, 0.4683, 1.3319

Previews

White Background



This preview shows how the XYZ color 39.5871, 46.8741, 60.9940 looks on a white background.

Color Contrast Check

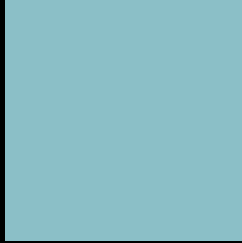
Large Text (above 18pt) WCAG AA × Fail

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 39.5871, 46.8741, 60.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

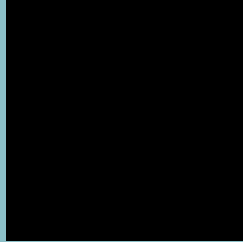
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5871, 46.8741, 60.9940

Background



This preview shows how black text looks on a background with the XYZ color 39.5871, 46.8741, 60.9940.



This preview shows how white text looks on a background with the XYZ color 39.5871, 46.8741,

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

39.5871, 46.8741, 60.9940

Protanopia

45.2383, 46.4379, 57.0312

Deuteranopia

47.6180, 46.6557, 62.3728



Tritanopia

40.2481, 46.8101, 64.6716

Trichromacy



Original Color

39.5871, 46.8741, 60.9940

Protanomaly

42.7167, 46.3281, 58.3206

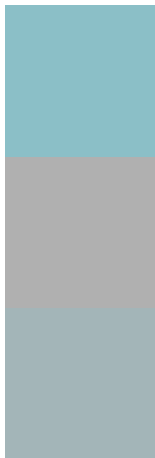
Deuteranomaly

44.0652, 46.3309, 61.8786

Tritanomaly

40.0082, 46.7142, 63.4080

Monochromacy



Original Color

39.5871, 46.8741, 60.9940

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2799, 44.2950, 51.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5871, 46.8741, 60.9940 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, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 191, 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, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.5871, 46.8741, 60.9940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

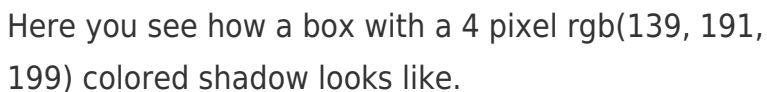
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 191, 199) }
```


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

```
.border{ border-color:rgb(139, 191, 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, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 191, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 191, 199); box-shadow:4px 4px 4px 4px rgb(139, 191, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5871, 46.8741, 60.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 191, 199) }
```

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

```
.background{ background-color: rgb(139,  
191, 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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