

Converting Colors

XYZ(39.5760, 47.3992, 65.7112)

Have a look what the booklet for
XYZ(39.5760, 47.3992, 65.7112)
contains.

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Color

**XYZ(39.5706, 47.4215,
65.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	83C1CE
RGB	131, 193, 206
RGB Percent	51%, 76%, 81%
CMY	0.4863, 0.2431, 0.1922
CMYK	0.36, 0.06, 0.00, 0.19
HSL	190°, 43%, 66%
HSV	190°, 36%, 81%
XYZ	39.5706, 47.4215, 65.4602
YIQ	175.9440, -41.1250, -9.1010

Conversions

Conversions Part 2

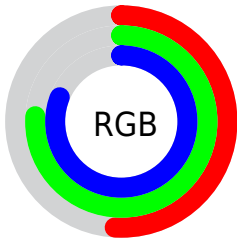
Format	Color
RYB	131, 165, 206
Decimal	8634830
CIELab	74.46, -16.56, -12.84
CIElCh	74, 20.951, 217.781
Yxy	47.4215, 0.2596, 0.3111
Android (android.graphics.Color)	4286824910 (0xFF83C1CE)
YUV	175.9440, 14.8176, -39.4159
Hunter-Lab	68.8633, -17.9400, -8.1557

Details

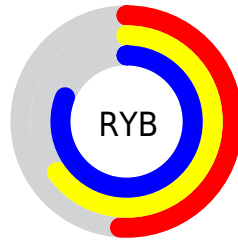
The XYZ color **39.5706, 47.4215, 65.4602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5242, 34.7075, 26.0898**, and the grayscale version is **41.1794, 43.3239, 47.1798**.

A 20% lighter version of the original color is **72.7291, 86.1560, 107.4043**, and **17.9607, 22.3100, 33.0654** is the 20% darker color. If you saturate the color by 10%, you get **35.9124, 44.3792, 65.0666**, and if you desaturate by 10%, it is **43.8851, 50.8327, 65.8920**.

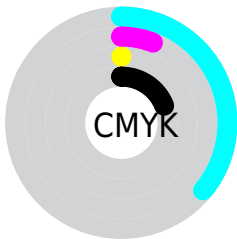
Distribution



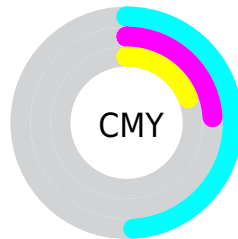
- Red (51%)
- Green (76%)
- Blue (81%)



- Red (51%)
- Yellow (65%)
- Blue (81%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5706, 47.4215, 65.4602 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 39.5706, 47.4215, 65.4602 by changing the saturation by 10% instead.

■ 39.5706, 47.4215,
65.4602

■ 39.5706, 47.4215,
65.4602

335.4759,
376.4945, 462.7953

■ 27.3866, 33.3690,
47.3806

■ 73.7977, 86.3424,
114.3308

■ 18.0019, 22.4093,
32.9802

■ 96.5715, 111.9797,
145.9590

■ 11.0510, 14.1579,
21.8403

■ 123.6060,
142.2473, 182.9404

■ 6.1687, 8.2306,
13.5424

155.2665,
177.5296, 225.6936

■ 2.9896, 4.2429,
7.6680

191.9184,
218.2111, 274.6371

■ 1.1483, 1.8103,
3.7985

233.9271,

■ 0.0649, 0.4936,

264.6762, 330.1896

1.5155

281.6578,
317.3092, 392.7694

■ 0.0000, 0.0000,
0.2294

■ 0.0000, 0.0000,
0.0000

■ 39.5706, 47.4215,
65.4602

■ 39.5706, 47.4215,
65.4602

■ 35.9124, 44.3792,
65.0666

■ 43.8851, 50.8327,
65.8920

■ 32.8682, 41.6804,
64.7061

■ 48.8863, 54.6252,
66.3605

■ 30.3975, 39.3051,
64.3779

■ 54.6079, 58.8178,
66.8682

■ 28.4529, 37.2288,
64.0796

■ 61.0802, 63.4263,
67.4166

■ 26.9795, 35.4228,
63.8087

■ 68.3317, 68.4655,
68.0070

■ 25.9067, 33.8506,
63.5617

■ 76.3892, 73.9494,
68.6409

■ 25.5718, 33.3184,
63.4767

■ 77.4507, 75.8563,
68.9530

■ 78.3865, 77.7279,
69.2649

■ 79.3424, 79.6396,
69.5835

Harmonies

Analogous

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



38.2503, 47.4215, 54.5027



39.5706, 47.4215, 65.4602



42.3806, 47.4215, 73.3923

Triad

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



39.5706, 47.4215, 65.4602



52.1391, 47.4215, 59.9091



44.0962, 47.4215, 33.6393

Complementary

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



39.5706, 47.4215, 65.4602



39.5242, 34.7075, 26.0898

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.



47.8764, 47.4215, 34.6668



39.5706, 47.4215, 65.4602



52.6616, 47.4215, 48.8676

Square

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



39.5706, 47.4215, 65.4602



49.6722, 47.4215, 69.8881



51.0626, 47.4215, 39.9061



40.7663, 47.4215, 36.8721

Rectangle

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



39.5706, 47.4215, 65.4602



44.7920, 47.4215, 75.3429



51.0626, 47.4215, 39.9061



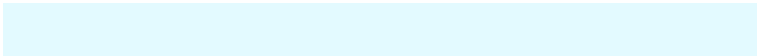
45.3546, 47.4215, 33.5072

Sweetspot

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



39.5720, 47.4234, 65.4613



83.9415, 92.0003, 107.9414



36.4283, 50.9672, 34.1044



17.6961, 19.4931, 23.0798



0.0000, 0.0000, 0.0000



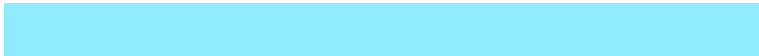
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5720, 47.4234, 65.4613



59.2106, 72.7768, 105.5343



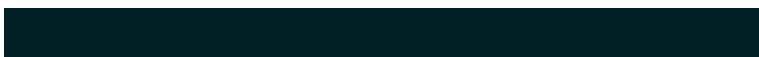
32.3901, 33.0596, 63.0673



11.3714, 12.3833, 14.3612



15.8092, 20.6423, 39.1074



0.8603, 1.1543, 2.0324

Inverse Universe

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



43.1967, 33.2058, 54.5869



66.1082, 46.8752, 84.5819



46.0751, 47.8093, 28.2735



11.6008, 11.3691, 13.6986



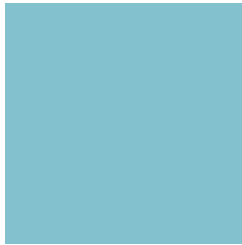
20.1906, 9.8868, 24.5203



1.0642, 0.5191, 1.3838

Previews

White Background



This preview shows how the XYZ color 39.5706, 47.4215, 65.4602 looks on a white background.

Color Contrast Check

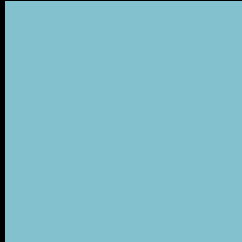
Large Text (above 18pt) WCAG AA × Fail

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 39.5706, 47.4215, 65.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

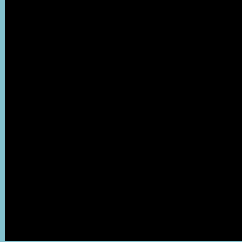
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5706, 47.4215, 65.4602

Background



This preview shows how black text looks on a background with the XYZ color 39.5706, 47.4215, 65.4602.



This preview shows how white text looks on a background with the XYZ color 39.5706, 47.4215,

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

39.5706, 47.4215, 65.4602

Protanopia

45.8887, 46.9950, 60.6852

Deuteranopia

47.9225, 47.0090, 66.8695



Tritanopia

39.9709, 47.5995, 66.7554

Trichromacy



Original Color

39.5706, 47.4215, 65.4602

Protanomaly

43.1139, 46.7487, 62.6282

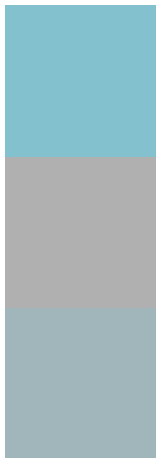
Deuteranomaly

44.2550, 46.6365, 66.3438

Tritanomaly

39.8482, 47.5505, 66.1094

Monochromacy



Original Color

39.5706, 47.4215, 65.4602

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.1948, 44.5173, 53.4879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5706, 47.4215, 65.4602 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(131, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(131, 193, 206)  
}
```

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(131, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 193, 206) }
```

Border

The CSS property to change the border of an element to XYZ 39.5706, 47.4215, 65.4602 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(131, 193, 206) }
```


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

```
.border{ border-color:rgb(131, 193, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(131, 193,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5706, 47.4215, 65.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 193, 206) }
```

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

```
.background{ background-color: rgb(131,  
193, 206) }
```

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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