

Converting Colors

XYZ(39.5928, 43.4555, 71.2991)

Have a look what the booklet for
XYZ(39.5928, 43.4555, 71.2991)
contains.

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Color

**XYZ(39.5660, 43.4946,
71.2757)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB5D8
RGB	139, 181, 216
RGB Percent	55%, 71%, 85%
CMY	0.4549, 0.2902, 0.1529
CMYK	0.36, 0.16, 0.00, 0.15
HSL	207°, 50%, 70%
HSV	207°, 36%, 85%
XYZ	39.5660, 43.4946, 71.2757
YIQ	172.4320, -36.2670, 1.9810

Conversions

Conversions Part 2

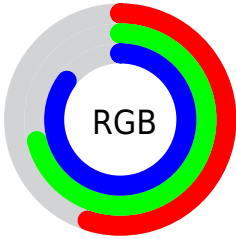
Format	Color
RYB	139, 166, 216
Decimal	9156056
CIELab	71.89, -5.50, -22.12
CIELCh	72, 22.796, 256.040
Yxy	43.4946, 0.2564, 0.2818
Android (android.graphics.Color)	4287346136 (0xFF8BB5D8)
YUV	172.4320, 21.4790, -29.3199
Hunter-Lab	65.9504, -8.3248, -17.9122

Details

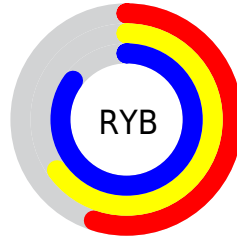
The XYZ color **39.5660, 43.4946, 71.2757** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.1159, 46.7358, 30.9123**, and the grayscale version is **39.3403, 41.3891, 45.0727**.

A 20% lighter version of the original color is **70.5823, 79.2577, 106.1859**, and **17.9899, 19.9900, 36.6285** is the 20% darker color. If you saturate the color by 10%, you get **34.3832, 37.9638, 70.4821**, and if you desaturate by 10%, it is **45.6048, 49.6775, 72.1516**.

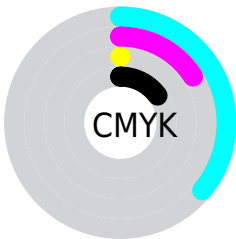
Distribution



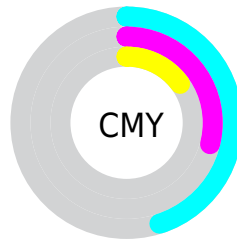
- Red (55%)
- Green (71%)
- Blue (85%)



- Red (55%)
- Yellow (65%)
- Blue (85%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5660, 43.4946, 71.2757 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 39.5660, 43.4946, 71.2757 by changing the saturation by 10% instead.

■ 39.5660, 43.4946,
71.2757

■ 39.5660, 43.4946,
71.2757

335.4568,
360.6419, 483.9262

■ 27.3830, 30.2734,
52.0840

■ 73.7907, 80.4567,
122.7243

■ 17.9992, 20.0462,
36.6893

■ 96.5632, 104.9664,
155.8183

■ 11.0491, 12.4286,
24.6731

■ 123.5962,
134.0076, 194.3835

■ 6.1674, 7.0363,
15.6169

155.2551,
167.9649, 238.8385

■ 2.9888, 3.4848,
9.1021

191.9053,
207.2226, 289.6017

■ 1.1478, 1.3898,
4.7101

233.9120,

■ 0.0646, 0.2092,

252.1650, 347.0917

2.0224

281.6408,
303.1767, 411.7270

■ 0.0000, 0.0000,
0.5690

■ 0.0000, 0.0000,
0.0000

■ 39.5660, 43.4946,
71.2757

■ 39.5660, 43.4946,
71.2757

■ 34.3832, 37.9638,
70.4821

■ 45.6048, 49.6775,
72.1516

■ 30.0072, 33.0525,
69.7647

■ 52.5369, 56.5330,
73.1095

■ 26.3898, 28.7324,
69.1215

■ 60.4025, 64.0867,
74.1529

■ 23.4754, 24.9704,
68.5490

■ 69.2376, 72.3613,
75.2844

■ 21.1996, 21.7285,
68.0432

■ 79.0766, 81.3781,
76.5063

■ 19.4839, 18.9613,
67.5995

■ 84.7686, 88.4855,
77.5781

■ 18.8523, 17.8730,
67.4227

■ 87.7361, 94.4205,
78.5673

■ 89.3948, 97.7379,
79.1202

Harmonies

Analogous

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



36.3733, 43.4946, 64.4694



39.5660, 43.4946, 71.2757



43.4369, 43.4946, 71.0122

Triad

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



39.5660, 43.4946, 71.2757



48.9354, 43.4946, 41.6946



36.1976, 43.4946, 34.0174

Complementary

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



39.5660, 43.4946, 71.2757



48.1159, 46.7358, 30.9123

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.



39.3123, 43.4946, 29.6439



39.5660, 43.4946, 71.2757



46.7401, 43.4946, 33.5791

Square

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



39.5660, 43.4946, 71.2757



49.0140, 43.4946, 52.7036



43.1669, 43.4946, 29.4971



34.5125, 43.4946, 42.3871

Rectangle

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



39.5660, 43.4946, 71.2757



45.8884, 43.4946, 66.8281



43.1669, 43.4946, 29.4971



37.1031, 43.4946, 32.0929

Sweetspot

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



39.5674, 43.4963, 71.2767



81.5395, 87.1962, 107.1407



42.8103, 57.6440, 48.7370



17.1220, 18.3448, 22.8884



0.0000, 0.0000, 0.0000



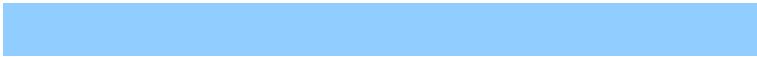
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5674, 43.4963, 71.2767



51.6587, 57.0112, 102.8893



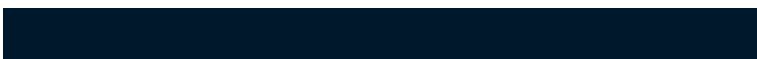
32.8433, 30.0480, 69.0353



12.2983, 13.1201, 15.8218



11.2678, 10.7973, 39.9434



0.7619, 0.8158, 2.4366

Inverse Universe

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



45.8932, 36.4016, 48.3253



62.4578, 46.0335, 63.4529



56.5610, 63.6259, 33.7273



12.7038, 12.5330, 14.3803



18.7463, 9.4348, 11.2340



1.1722, 0.5857, 0.8962

Previews

White Background



This preview shows how the XYZ color 39.5660, 43.4946, 71.2757 looks on a white background.

Color Contrast Check

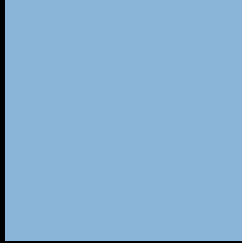
Large Text (above 18pt) WCAG AA × Fail

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 39.5660, 43.4946, 71.2757 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

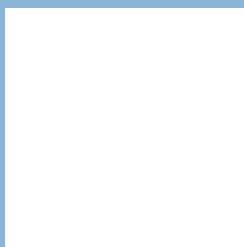
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5660, 43.4946, 71.2757

Background



This preview shows how black text looks on a background with the XYZ color 39.5660, 43.4946, 71.2757.



This preview shows how white text looks on a background with the XYZ color 39.5660, 43.4946,

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

39.5660, 43.4946, 71.2757

Protanopia

43.0424, 43.3001, 67.7172

Deuteranopia

44.2020, 43.2249, 72.3432



Tritanopia

37.4410, 43.5554, 60.4665

Trichromacy



Original Color

39.5660, 43.4946, 71.2757

Protanomaly

41.6370, 43.4165, 69.1365

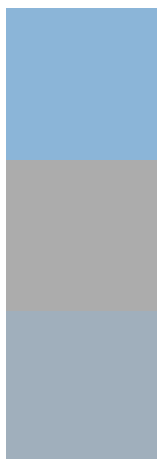
Deuteranomaly

42.1524, 43.0406, 71.7316

Tritanomaly

38.1063, 43.5090, 64.1473

Monochromacy



Original Color

39.5660, 43.4946, 71.2757

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9043, 41.7644, 53.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5660, 43.4946, 71.2757 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, 181, 216)` looks like.

```
.text, #text, p{  
    color:rgb(139, 181, 216)  
}
```

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, 181, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 181, 216) }
```

Border

The CSS property to change the border of an element to XYZ 39.5660, 43.4946, 71.2757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

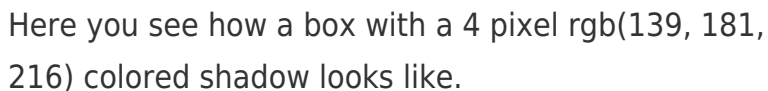
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 181, 216) }
```


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

```
.border{ border-color:rgb(139, 181, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 181, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 181, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 181, 216); box-shadow:4px 4px 4px 4px rgb(139, 181, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5660, 43.4946, 71.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 181, 216) }
```

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

```
.background{ background-color: rgb(139,  
181, 216) }
```

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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