

Converting Colors

XYZ(39.8760, 43.4860, 92.3329)

Have a look what the booklet for
XYZ(39.8760, 43.4860, 92.3329)
contains.

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Color

**XYZ(39.8915, 43.4932,
92.6787)**

Conversions

Conversions Part 1

Format	Color
Hex	70B6F5
RGB	112, 182, 245
RGB Percent	44%, 71%, 96%
CMY	0.5608, 0.2863, 0.0392
CMYK	0.54, 0.26, 0.00, 0.04
HSL	208°, 87%, 70%
HSV	208°, 54%, 96%
XYZ	39.8915, 43.4932, 92.6787
YIQ	168.2520, -61.9430, 4.7530

Conversions

Conversions Part 2

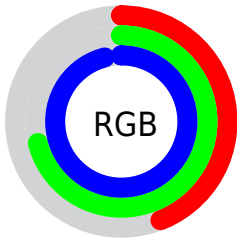
Format	Color
R _Y B	112, 158, 245
Decimal	7386869
CIE Lab	71.89, -4.47, -38.01
CIE LCh	72, 38.272, 263.286
Yxy	43.4932, 0.2266, 0.2470
Android (android.graphics.Color)	4285576949 (0xFF70B6F5)
YUV	168.2520, 37.8368, -49.3330
Hunter-Lab	65.9494, -7.4402, -37.1557

Details

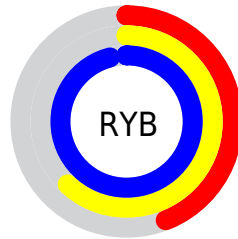
The XYZ color **39.8915, 43.4932, 92.6787** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.9126, 51.2447, 22.2755**, and the grayscale version is **37.1864, 39.1230, 42.6050**.

A 20% lighter version of the original color is **65.4191, 77.0270, 106.0275**, and **18.0996, 19.9357, 50.4710** is the 20% darker color. If you saturate the color by 10%, you get **34.9088, 37.5419, 91.7934**, and if you desaturate by 10%, it is **45.9221, 50.2788, 93.6714**.

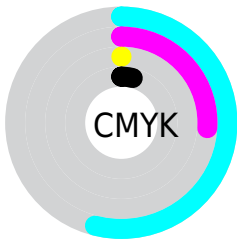
Distribution



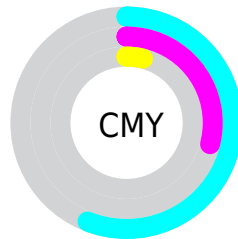
- Red (44%)
- Green (71%)
- Blue (96%)



- Red (44%)
- Yellow (62%)
- Blue (96%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8915, 43.4932, 92.6787 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 39.8915, 43.4932, 92.6787 by changing the saturation by 10% instead.

■ 39.8915, 43.4932,
92.6787

■ 39.8915, 43.4932,
92.6787

336.8083,
360.6361, 557.4999

■ 27.6378, 30.2723,
69.6183

■ 74.2837, 80.4546,
153.0216

■ 18.1919, 20.0453,
50.7405

■ 97.1528, 104.9638,
191.1411

■ 11.1883, 12.4280,
35.6269

■ 124.2912,
134.0047, 235.1174

■ 6.2619, 7.0359,
23.8587

156.0641,
167.9615, 285.3691

■ 3.0471, 3.4845,
15.0176

192.8369,
207.2186, 342.3146

■ 1.1787, 1.3896,
8.6850

234.9750,

■ 0.0895, 0.2091,

252.1605, 406.3726

4.4423

282.8437,
303.1716, 477.9615

■ 0.0000, 0.0000,
1.8710

■ 0.0000, 0.0000,
0.4742

■ 39.8915, 43.4932,
92.6787

■ 39.8915, 43.4932,
92.6787

■ 34.9088, 37.5419,
91.7934

■ 45.9221, 50.2788,
93.6714

■ 30.8942, 32.3742,
91.0076

■ 53.0634, 57.9354,
94.7729

■ 27.7624, 27.9397,
90.3167

■ 61.3780, 66.5026,
95.9883

■ 25.4080, 24.1764,
89.7144

■ 70.9224, 76.0161,
97.3216

■ 24.3247, 22.2788,
89.4052

■ 81.7491, 86.5090,
98.7763

■ 92.4177, 97.2449,
100.2862

■ 93.4816, 99.3726,
100.6408

Harmonies

Analogous

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



34.2922, 43.4932, 82.3377



39.8915, 43.4932, 92.6787



46.4925, 43.4932, 88.5532

Triad

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



39.8915, 43.4932, 92.6787



53.9483, 43.4932, 34.5408



32.0868, 43.4932, 28.9817

Complementary

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



39.8915, 43.4932, 92.6787



55.9126, 51.2447, 22.2755

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.



36.5811, 43.4932, 21.4526



39.8915, 43.4932, 92.6787



49.2904, 43.4932, 24.0232

Square

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



39.8915, 43.4932, 92.6787



55.0722, 43.4932, 51.6766



42.8211, 43.4932, 19.9121



30.1026, 43.4932, 43.2845

Rectangle

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



39.8915, 43.4932, 92.6787



50.5382, 43.4932, 78.5729



42.8211, 43.4932, 19.9121



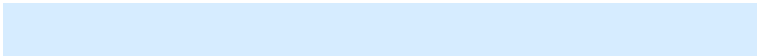
33.3299, 43.4932, 25.7448

Sweetspot

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



39.8930, 43.4948, 92.6798



75.7414, 81.3492, 106.3177



46.9826, 71.8094, 51.4650



15.7368, 16.9417, 22.6906



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.



39.8930, 43.4948, 92.6798



37.8145, 40.5976, 100.4508



29.4608, 22.6303, 89.2023



16.3030, 17.3704, 21.0361



13.2439, 12.2817, 48.2106



1.2669, 1.2852, 4.2715

Inverse Universe

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



51.8952, 34.3800, 48.1582



52.7178, 31.6003, 44.6474



71.9091, 83.2377, 27.6077



16.8635, 16.6283, 19.0280



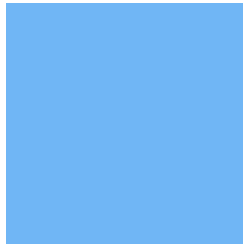
22.4894, 11.3392, 12.5517



2.0285, 1.0174, 1.3767

Previews

White Background



This preview shows how the XYZ color 39.8915, 43.4932, 92.6787 looks on a white background.

Color Contrast Check

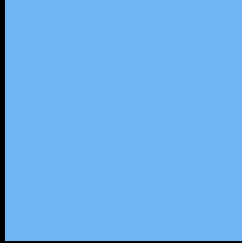
Large Text (above 18pt) WCAG AA × Fail

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 39.8915, 43.4932, 92.6787 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

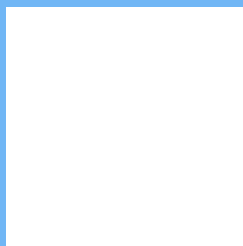
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8915, 43.4932, 92.6787

Background



This preview shows how black text looks on a background with the XYZ color 39.8915, 43.4932, 92.6787.



This preview shows how white text looks on a background with the XYZ color 39.8915, 43.4932,

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

39.8915, 43.4932, 92.6787

Protanopia

44.0865, 43.1281, 86.8899

Deuteranopia

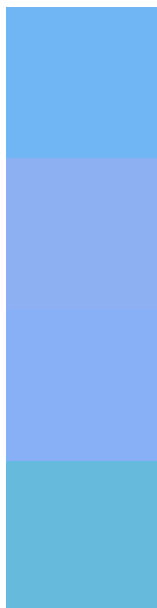
44.3097, 43.0866, 93.9769



Tritanopia

34.1468, 43.3444, 64.3242

Trichromacy



Original Color

39.8915, 43.4932, 92.6787

Protanomaly

42.2177, 42.9770, 89.2894

Deuteranomaly

42.3132, 42.9387, 93.2466

Tritanomaly

35.9567, 43.1099, 74.1361

Monochromacy



Original Color

39.8915, 43.4932, 92.6787

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1201, 40.1686, 58.0214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8915, 43.4932, 92.6787 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(112, 182, 245)` looks like.

```
.text, #text, p{  
    color:rgb(112, 182, 245)  
}
```

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(112, 182, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 182, 245) }
```

Border

The CSS property to change the border of an element to XYZ 39.8915, 43.4932, 92.6787 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(112, 182, 245) }
```


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

```
.border{ border-color:rgb(112, 182, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 182, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 182, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 182, 245);  
box-shadow:4px 4px 4px 4px rgb(112, 182,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8915, 43.4932, 92.6787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 182, 245) }
```

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

```
.background{ background-color: rgb(112,  
182, 245) }
```

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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