

Converting Colors

XYZ(39.0189, 40.9907, 89.0747)

Have a look what the booklet for
XYZ(39.0189, 40.9907, 89.0747)
contains.

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Color

**XYZ(39.0923, 41.0758,
89.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	79AFF1
RGB	121, 175, 241
RGB Percent	47%, 69%, 95%
CMY	0.5255, 0.3137, 0.0549
CMYK	0.50, 0.27, 0.00, 0.05
HSL	213°, 81%, 71%
HSV	213°, 50%, 95%
XYZ	39.0923, 41.0758, 89.0871
YIQ	166.3780, -53.3700, 9.0780

Conversions

Conversions Part 2

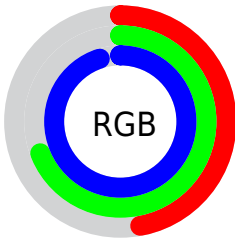
Format	Color
RYB	121, 158, 241
Decimal	7974897
CIELab	70.23, 0.16, -38.39
CIELCh	70, 38.390, 270.241
Yxy	41.0758, 0.2310, 0.2427
Android (android.graphics.Color)	4286164977 (0xFF79AFF1)
YUV	166.3780, 36.7886, -39.7965
Hunter-Lab	64.0904, -3.2811, -37.5511

Details

The XYZ color **39.0923, 41.0758, 89.0871** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **57.4985, 55.6237, 25.7968**, and the grayscale version is **36.2756, 38.1648, 41.5615**.

A 20% lighter version of the original color is **64.9372, 73.3973, 105.3523**, and **17.7644, 18.6608, 48.5646** is the 20% darker color. If you saturate the color by 10%, you get **33.6729, 34.6389, 88.1311**, and if you desaturate by 10%, it is **45.6113, 48.4570, 90.1690**.

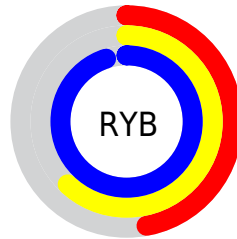
Distribution



Red (47%)

Green (69%)

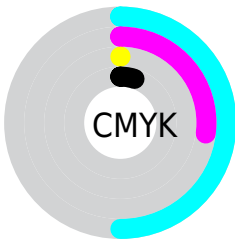
Blue (95%)



Red (47%)

Yellow (62%)

Blue (95%)

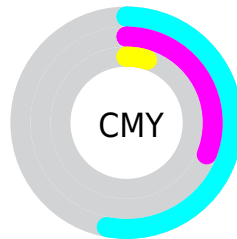


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0923, 41.0758, 89.0871 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 39.0923, 41.0758, 89.0871 by changing the saturation by 10% instead.

■ 39.0923, 41.0758,
89.0871

■ 39.0923, 41.0758,
89.0871

333.4832,
350.6373, 545.5500

■ 27.0126, 28.3783,
66.6543

■ 73.0725, 76.7989,
147.9941

■ 17.7193, 18.6110,
48.3439

■ 95.7036, 100.5934,
185.3054

■ 10.8471, 11.3896,
33.7374

■ 122.5827,
128.8556, 228.4132

■ 6.0307, 6.3295,
22.4162

154.0749,
161.9700, 277.7362

■ 2.9046, 3.0465,
13.9618

190.5457,
200.3210, 333.6928

■ 1.1035, 1.1560,
7.9557

232.3605,

■ 0.0280, 0.0254,

244.2930, 396.7016

3.9792

279.8845,
294.2703, 467.1812

■ 0.0000, 0.0000,
1.6140

■ 0.0000, 0.0000,
0.3007

■ 39.0923, 41.0758,
89.0871

■ 39.0923, 41.0758,
89.0871

■ 33.6729, 34.6389,
88.1311

■ 45.6113, 48.4570,
90.1690

■ 29.2776, 29.0944,
87.2925

■ 53.2901, 56.8216,
91.3788

■ 25.8269, 24.3908,
86.5665

■ 62.1891, 66.2115,
92.7222

■ 23.2259, 20.4673,
85.9463

■ 72.3632, 76.6646,
94.2036

■ 21.3232, 17.2333,
85.4224

■ 83.8637, 88.2165,
95.8272

■ 21.2874, 17.1711,
85.4122

■ 92.7288, 98.8338,
97.4094

■ 92.8773, 99.1309,
97.4589

Harmonies

Analogous

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



33.3393, 41.0758, 82.0482



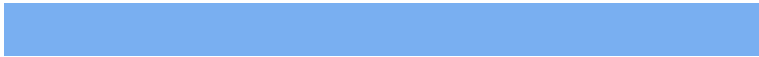
39.0923, 41.0758, 89.0871



45.4566, 41.0758, 81.8297

Triad

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



39.0923, 41.0758, 89.0871



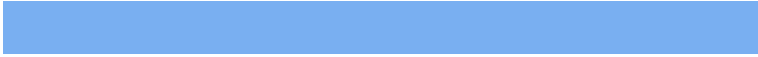
50.4529, 41.0758, 29.4460



29.4527, 41.0758, 29.6378

Complementary

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



39.0923, 41.0758, 89.0871



57.4985, 55.6237, 25.7968

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.



33.2599, 41.0758, 20.9737



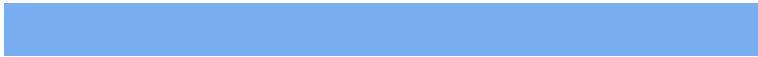
39.0923, 41.0758, 89.0871



45.3590, 41.0758, 20.8857

Square

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



39.0923, 41.0758, 89.0871



52.4313, 41.0758, 44.5788



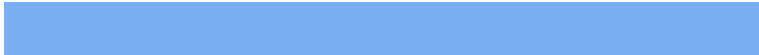
38.9904, 41.0758, 18.2546



28.1504, 41.0758, 44.8707

Rectangle

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



39.0923, 41.0758, 89.0871



49.0992, 41.0758, 70.7437



38.9904, 41.0758, 18.2546



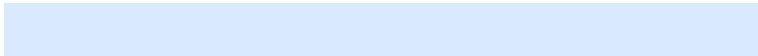
30.4603, 41.0758, 26.0242

Sweetspot

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



39.0937, 41.0773, 89.0881



76.0031, 80.7576, 106.1897



48.3114, 70.5645, 58.0894



15.7532, 16.7550, 22.6537



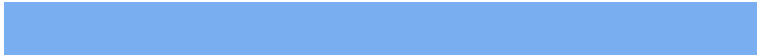
0.0000, 0.0000, 0.0000



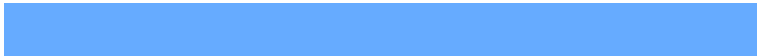
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0937, 41.0773, 89.0881



38.0640, 39.1137, 100.1513



31.4685, 24.5394, 86.2979



15.4830, 16.4001, 20.0711



11.6740, 9.5723, 46.3602



1.0691, 0.9923, 3.8894

Inverse Universe

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



50.8521, 35.4722, 44.7255



53.3277, 33.6973, 42.1464



69.1684, 81.9541, 30.2640



16.0685, 15.8771, 17.9168



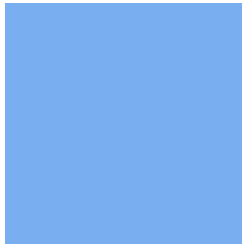
21.2181, 10.7597, 9.0652



1.8146, 0.9149, 1.0146

Previews

White Background



This preview shows how the XYZ color 39.0923, 41.0758, 89.0871 looks on a white background.

Color Contrast Check

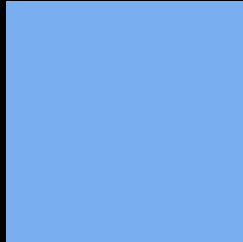
Large Text (above 18pt) WCAG AA × Fail

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 39.0923, 41.0758, 89.0871 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

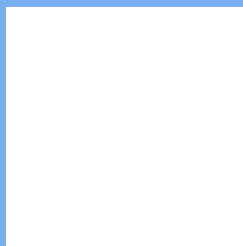
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0923, 41.0758, 89.0871

Background



This preview shows how black text looks on a background with the XYZ color 39.0923, 41.0758, 89.0871.



This preview shows how white text looks on a background with the XYZ color 39.0923, 41.0758,

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

39.0923, 41.0758, 89.0871

Protanopia

42.0908, 41.0114, 85.0544

Deuteranopia

41.8920, 40.8065, 89.6729



Tritanopia

33.1899, 41.0700, 59.6041

Trichromacy



Original Color

39.0923, 41.0758, 89.0871

Protanomaly

40.8107, 40.8743, 86.6275

Deuteranomaly

40.7433, 40.7709, 89.7266

Tritanomaly

35.1409, 40.9423, 69.6689

Monochromacy



Original Color

39.0923, 41.0758, 89.0871

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3913, 38.7102, 56.0059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0923, 41.0758, 89.0871 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(121, 175, 241)` looks like.

```
.text, #text, p{  
    color:rgb(121, 175, 241)  
}
```

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(121, 175, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 175, 241) }
```

Border

The CSS property to change the border of an element to XYZ 39.0923, 41.0758, 89.0871 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(121, 175, 241) }
```


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

```
.border{ border-color:rgb(121, 175, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 175, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 175, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 175, 241);  
box-shadow:4px 4px 4px 4px rgb(121, 175,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0923, 41.0758, 89.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 175, 241) }
```

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

```
.background{ background-color: rgb(121,  
175, 241) }
```

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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