

Converting Colors

XYZ(39.7056, 42.6841, 89.2526)

Have a look what the booklet for
XYZ(39.7056, 42.6841, 89.2526)
contains.

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Color

**XYZ(39.6050, 42.5130,
89.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	77B3F1
RGB	119, 179, 241
RGB Percent	47%, 70%, 95%
CMY	0.5333, 0.2980, 0.0549
CMYK	0.51, 0.26, 0.00, 0.05
HSL	210°, 81%, 71%
HSV	210°, 51%, 95%
XYZ	39.6050, 42.5130, 89.3375
YIQ	168.1280, -55.6620, 6.5620

Conversions

Conversions Part 2

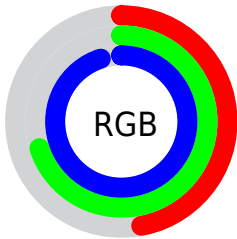
Format	Color
R_{YB}	119, 159, 241
Decimal	7844849
CIE _{Lab}	71.22, -2.51, -36.85
CIE _{LCh}	71, 36.936, 266.111
Yxy	42.5130, 0.2310, 0.2480
Android (android.graphics.Color)	4286034929 (0xFF77B3F1)
YUV	168.1280, 35.9259, -43.0853
Hunter-Lab	65.2020, -5.6790, -35.5957

Details

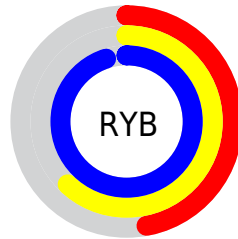
The XYZ color **39.6050, 42.5130, 89.3375** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **56.1307, 53.0822, 24.7420**, and the grayscale version is **37.1323, 39.0661, 42.5430**.

A 20% lighter version of the original color is **65.8898, 75.9838, 105.8013**, and **18.0913, 19.5811, 48.7250** is the 20% darker color. If you saturate the color by 10%, you get **34.3607, 36.3265, 88.4206**, and if you desaturate by 10%, it is **45.9088, 49.5709, 90.3684**.

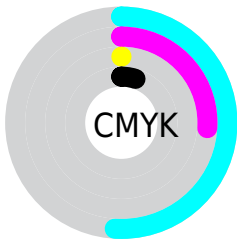
Distribution



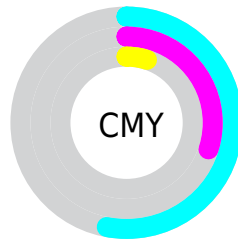
- Red (47%)
- Green (70%)
- Blue (95%)



- Red (47%)
- Yellow (62%)
- Blue (95%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6050, 42.5130, 89.3375 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 39.6050, 42.5130, 89.3375 by changing the saturation by 10% instead.

■ 39.6050, 42.5130,
89.3375

■ 39.6050, 42.5130,
89.3375

335.6189,
356.6051, 546.3878

■ 27.4135, 29.5032,
66.8607

■ 73.8498, 78.9754,
148.3453

■ 18.0222, 19.4618,
48.5105

■ 96.6339, 103.1969,
185.7133

■ 11.0657, 12.0044,
33.8685

■ 123.6795,
131.9243, 228.8822

■ 6.1787, 6.7467,
22.5161

155.3521,
165.5421, 278.2704

■ 2.9957, 3.3042,
14.0346

192.0170,
204.4347, 334.2966

■ 1.1515, 1.2925,
8.0057

234.0395,

■ 0.0676, 0.1354,

248.9865, 397.3791

4.0108

281.7850,
299.5818, 467.9367

■ 0.0000, 0.0000,
1.6313

■ 0.0000, 0.0000,
0.3130

■ 39.6050, 42.5130,
89.3375

■ 39.6050, 42.5130,
89.3375

■ 34.3607, 36.3265,
88.4206

■ 45.9088, 49.5709,
90.3684

■ 30.1011, 30.9622,
87.6097

■ 53.3309, 57.5364,
91.5147

■ 26.7478, 26.3716,
86.9004

■ 61.9310, 66.4486,
92.7816

■ 24.2059, 22.4969,
86.2864

■ 71.7626, 76.3428,
94.1732

■ 22.4177, 19.4316,
85.7890

■ 82.8761, 87.2521,
95.6932

■ 92.0815, 97.5392,
97.1936

■ 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.



34.1241, 42.5130, 80.7673



39.6050, 42.5130, 89.3375



45.8786, 42.5130, 84.1665

Triad

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



39.6050, 42.5130, 89.3375



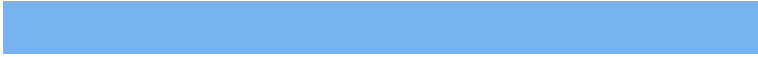
52.0722, 42.5130, 32.8426



31.3056, 42.5130, 29.7574

Complementary

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



39.6050, 42.5130, 89.3375



56.1307, 53.0822, 24.7420

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.



35.3893, 42.5130, 21.9210



39.6050, 42.5130, 89.3375



47.4181, 42.5130, 23.3567

Square

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



39.6050, 42.5130, 89.3375



53.4918, 42.5130, 48.6414



41.2204, 42.5130, 19.9182



29.6521, 42.5130, 44.0146

Rectangle

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



39.6050, 42.5130, 89.3375



49.6122, 42.5130, 74.1891



41.2204, 42.5130, 19.9182



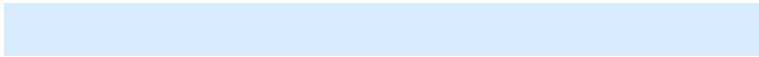
32.4179, 42.5130, 26.4418

Sweetspot

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



39.6065, 42.5145, 89.3385



76.4603, 81.6720, 106.3421



47.3026, 70.1289, 54.2249



15.8630, 16.9746, 22.6903



0.0000, 0.0000, 0.0000



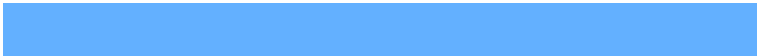
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6065, 42.5145, 89.3385



38.7603, 40.9289, 100.4649



30.0833, 23.4682, 86.1641



15.5392, 16.5125, 20.0898



12.2909, 10.8060, 46.5658



1.1219, 1.0977, 3.9070

Inverse Universe

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



51.0104, 35.1507, 46.7455



53.5761, 33.4018, 44.6714



71.0617, 82.9442, 29.7189



16.0968, 15.8884, 18.0662



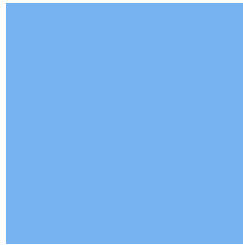
21.5295, 10.8842, 10.7048



1.8412, 0.9255, 1.1547

Previews

White Background



This preview shows how the XYZ color 39.6050, 42.5130, 89.3375 looks on a white background.

Color Contrast Check

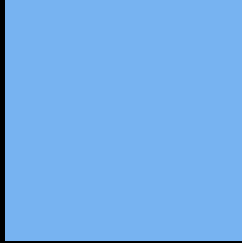
Large Text (above 18pt) WCAG AA × Fail

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 39.6050, 42.5130, 89.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

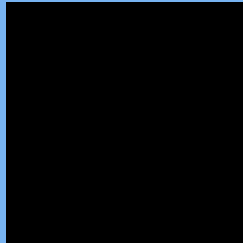
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

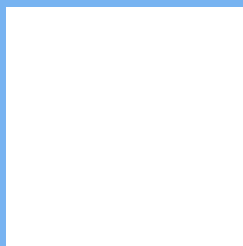
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6050, 42.5130, 89.3375

Background



This preview shows how black text looks on a background with the XYZ color 39.6050, 42.5130, 89.3375.



This preview shows how white text looks on a background with the XYZ color 39.6050, 42.5130,

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

39.6050, 42.5130, 89.3375

Protanopia

43.0759, 42.0925, 84.4516

Deuteranopia

43.5079, 42.4601, 90.6965



Tritanopia

34.0454, 42.3990, 61.6478

Trichromacy



Original Color

39.6050, 42.5130, 89.3375

Protanomaly

41.5774, 42.1373, 86.0627

Deuteranomaly

42.0044, 42.5597, 90.0054

Tritanomaly

35.8837, 42.2043, 71.2207

Monochromacy



Original Color

39.6050, 42.5130, 89.3375

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1805, 39.9292, 57.3772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6050, 42.5130, 89.3375 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(119, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(119, 179, 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(119, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 179, 241) }
```

Border

The CSS property to change the border of an element to XYZ 39.6050, 42.5130, 89.3375 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(119, 179, 241) }
```


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

```
.border{ border-color:rgb(119, 179, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 179, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(119, 179,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6050, 42.5130, 89.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 179, 241) }
```

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

```
.background{ background-color: rgb(119,  
179, 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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