

Converting Colors

XYZ(47.2752, 43.1249,
142.3481)

Have a look what the booklet for
XYZ(47.2752, 43.1249, 142.3481)
contains.

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Color

**XYZ(39.3581, 40.1046,
100.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	6FACFF
RGB	111, 172, 255
RGB Percent	44%, 67%, 100%
CMY	0.5647, 0.3255, 0.0000
CMYK	0.56, 0.33, 0.00, 0.00
HSL	215°, 100%, 72%
HSV	215°, 56%, 100%
XYZ	39.3581, 40.1046, 100.2743
YIQ	163.2230, -62.9990, 12.8810

Conversions

Conversions Part 2

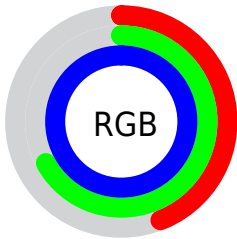
Format	Color
RYB	111, 154, 255
Decimal	7318783
CIELab	69.54, 3.96, -47.09
CIElCh	70, 47.260, 274.801
Yxy	40.1046, 0.2190, 0.2231
Android (android.graphics.Color)	4285508863 (0xFF6FACFF)
YUV	163.2230, 45.2461, -45.7996
Hunter-Lab	63.3282, 0.1124, -49.5505

Details

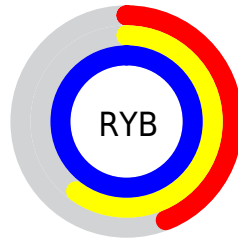
The XYZ color **39.3581, 40.1046, 100.2743** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **63.4025, 60.9936, 23.4723**, and the grayscale version is **34.7338, 36.5427, 39.7950**.

A 20% lighter version of the original color is **62.3137, 70.8161, 104.9923**, and **17.8644, 18.0024, 55.9593** is the 20% darker color. If you saturate the color by 10%, you get **33.9510, 33.3921, 99.2637**, and if you desaturate by 10%, it is **45.9928, 47.9106, 101.4313**.

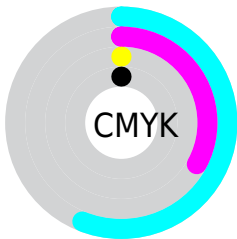
Distribution



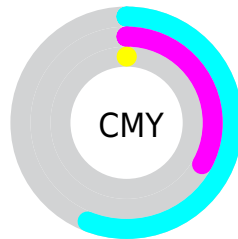
- Red (44%)
- Green (67%)
- Blue (100%)



- Red (44%)
- Yellow (60%)
- Blue (100%)



- Cyan (56%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3581, 40.1046, 100.2743 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 39.3581, 40.1046, 100.2743 by changing the saturation by 10% instead.

■ 39.3581, 40.1046,
100.2743

■ 39.3581, 40.1046,
100.2743

334.5916,
346.5642, 582.3259

■ 27.2204, 27.6201,
75.9115

■ 73.4756, 75.3228,
163.5892

■ 17.8763, 18.0395,
55.8537

■ 96.1862, 98.8252,
203.3784

■ 10.9603, 10.9783,
39.6824

■ 123.1517,
126.7691, 249.1469

■ 6.1073, 6.0523,
26.9791

154.7376,
159.5389, 301.3130

■ 2.9517, 2.8769,
17.3252

191.3091,
197.5189, 360.2955

■ 1.1283, 1.0678,
10.3023

233.2318,

■ 0.0486, 0.0000,

241.0935, 426.5127

5.4916

280.8708,
290.6472, 500.3834

■ 0.0000, 0.0000,
2.4748

■ 0.0000, 0.0000,
0.8267

■ 39.3581, 40.1046,
100.2743

■ 39.3581, 40.1046,
100.2743

■ 33.9510, 33.3921,
99.2637

■ 45.9928, 47.9106,
101.4313

■ 29.6773, 27.7077,
98.3917

■ 53.9315, 56.8616,
102.7406

■ 26.4337, 22.9830,
97.6507

■ 63.2486, 67.0104,
104.2085

■ 24.0913, 19.1352,
97.0315

■ 74.0113, 78.4045,
105.8405

■ 23.4144, 17.9488,
96.8381

■ 86.2824, 91.0889,
107.6421

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



32.2121, 40.1046, 93.7254



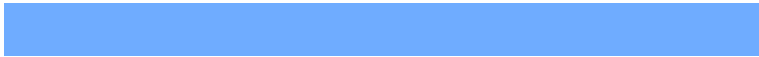
39.3581, 40.1046, 100.2743



47.1102, 40.1046, 88.0005

Triad

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



39.3581, 40.1046, 100.2743



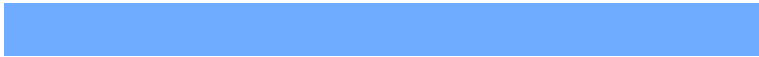
51.4648, 40.1046, 23.8241



26.3347, 40.1046, 28.1223

Complementary

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



39.3581, 40.1046, 100.2743



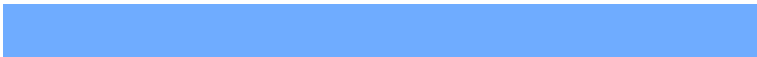
63.4025, 60.9936, 23.4723

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.



30.3501, 40.1046, 17.4723



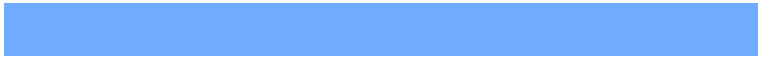
39.3581, 40.1046, 100.2743



44.7054, 40.1046, 15.6332

Square

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



39.3581, 40.1046, 100.2743



54.6687, 40.1046, 40.2474



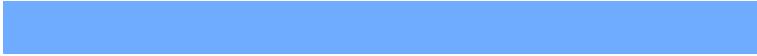
36.9047, 40.1046, 13.7725



25.2987, 40.1046, 47.2753

Rectangle

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



39.3581, 40.1046, 100.2743



51.3935, 40.1046, 72.6075



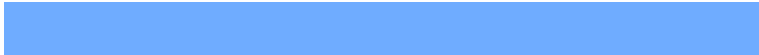
36.9047, 40.1046, 13.7725



27.3518, 40.1046, 23.6648

Sweetspot

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



39.3594, 40.1059, 100.2745



73.4010, 77.7659, 105.7494



51.8979, 78.7325, 62.6819



15.2260, 16.1362, 22.5621



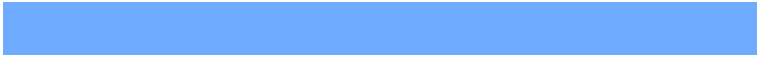
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.3594, 40.1059, 100.2745



33.2250, 32.4560, 99.1212



31.5654, 22.6271, 97.3115



17.6355, 18.6426, 22.9188



12.3749, 9.6594, 50.6468



1.3103, 1.1514, 4.9665

Inverse Universe

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



54.3719, 35.6091, 43.0385



50.1480, 29.6027, 34.1041



76.4257, 92.1524, 28.8002



18.3287, 18.1148, 20.3478



23.0345, 11.7031, 8.8321



2.2960, 1.1608, 1.1402

Previews

White Background



This preview shows how the XYZ color 39.3581, 40.1046, 100.2743 looks on a white background.

Color Contrast Check

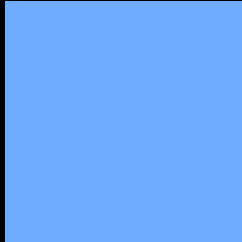
Large Text (above 18pt) WCAG AA × Fail

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 39.3581, 40.1046, 100.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

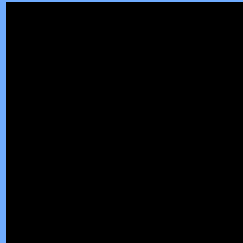
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

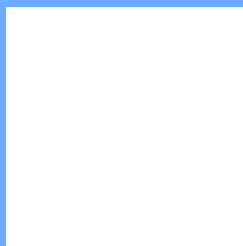
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3581, 40.1046, 100.2743

Background



This preview shows how black text looks on a background with the XYZ color 39.3581, 40.1046, 100.2743.



This preview shows how white text looks on a background with the XYZ color 39.3581, 40.1046,

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

39.3581, 40.1046, 100.2743

Protanopia

41.8760, 39.8373, 95.9247

Deuteranopia

40.9547, 39.8145, 100.1342



Tritanopia

31.2464, 40.0680, 59.5131

Trichromacy



Original Color

39.3581, 40.1046, 100.2743

Protanomaly

40.7792, 39.7794, 97.6243

Deuteranomaly

40.2640, 39.7335, 100.1549

Tritanomaly

33.8360, 39.8961, 72.9352

Monochromacy



Original Color

39.3581, 40.1046, 100.2743

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1016, 37.1873, 57.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3581, 40.1046, 100.2743 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(111, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 172, 255)  
}
```

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(111, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.3581, 40.1046, 100.2743 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(111, 172, 255) }
```


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

```
.border{ border-color:rgb(111, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3581, 40.1046, 100.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 172, 255) }
```

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

```
.background{ background-color: rgb(111,  
172, 255) }
```

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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