

Converting Colors

$Yxy(39.0529, 0.2187, 0.2193)$

Have a look what the booklet for
Yxy(39.0529, 0.2187, 0.2193)
contains.

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Color

Yxy(39.0407, 0.2186, 0.2193)

Conversions

Conversions Part 1

Format	Color
Hex	70A9FF
RGB	112, 169, 255
RGB Percent	44%, 66%, 100%
CMY	0.5608, 0.3372, 0.0001
CMYK	0.56, 0.34, 0.00, 0.00
HSL	216°, 100%, 72%
HSV	216°, 56%, 100%
XYZ	38.9161, 39.0407, 100.0674
YIQ	161.7610, -61.5780, 14.6620

Conversions

Conversions Part 2

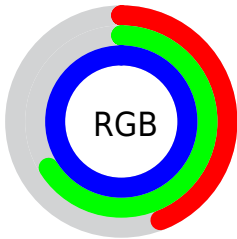
Format	Color
RYB	112, 153, 255
Decimal	7383551
CIELab	68.78, 5.84, -48.28
CIElCh	69, 48.629, 276.903
Yxy	39.0407, 0.2186, 0.2193
Android (android.graphics.Color)	4285573631 (0xFF70A9FF)
YUV	161.7610, 45.9668, -43.6404
Hunter-Lab	62.4826, 1.8309, -51.2166

Details

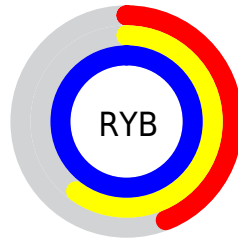
The Yxy color **39.0407, 0.2186, 0.2193** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **62.7985, 0.4255, 0.4153**, and the grayscale version is **35.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3020, 0.2618, 0.2940**, and **17.3353, 0.1938, 0.1910** is the 20% darker color. If you saturate the color by 10%, you get **32.2254, 0.2030, 0.1957**, and if you desaturate by 10%, it is **47.0010, 0.2355, 0.2424**.

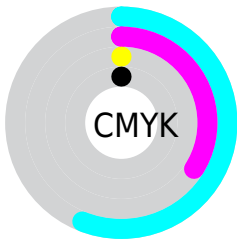
Distribution



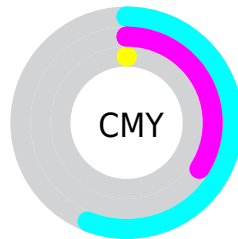
- Red (44%)
- Green (66%)
- Blue (100%)



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



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0407, 0.2186, 0.2193 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 Yxy color 39.0407, 0.2186, 0.2193 by changing the saturation by 10% instead.

■ 39.0407, 0.2186,
0.2193

■ 39.0407, 0.2186,
0.2193

■ 342.0635, 0.2648,
0.2722

■ 26.7914, 0.2077,
0.2070

■ 73.7005, 0.2350,
0.2379

■ 17.4166, 0.1941,
0.1919

■ 96.8798, 0.2413,
0.2451

■ 10.5320, 0.1770,
0.1730

■ 124.4711, 0.2467,
0.2512

■ 5.7531, 0.1548,
0.1489

■ 156.8590, 0.2513,
0.2566

■ 2.6955, 0.1259,
0.1181

■ 194.4278, 0.2553,
0.2612

■ 0.9749, 0.0883,
0.0791

■ 237.5619, 0.2589,

■ 0.0000, 0.0026,

0.2653

0.0000

286.6457, 0.2620,
0.2690

■ 0.0000, 0.0000,
0.0000

■ 39.0407, 0.2186,
0.2193

■ 39.0407, 0.2186,
0.2193

■ 32.2254, 0.2030,
0.1957

■ 47.0010, 0.2355,
0.2424

■ 26.4869, 0.1893,
0.1723

■ 56.1604, 0.2529,
0.2643

■ 21.7541, 0.1782,
0.1500

■ 66.5741, 0.2703,
0.2846

■ 17.9413, 0.1700,
0.1298

■ 78.2920, 0.2872,
0.3032

■ 16.6543, 0.1674,
0.1224

■ 91.3612, 0.3034,
0.3198

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



39.0407, 0.1911, 0.2361



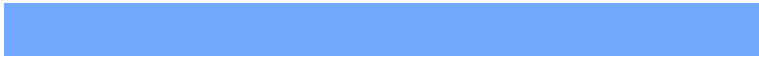
39.0407, 0.2186, 0.2193



39.0407, 0.2716, 0.2269

Triad

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



39.0407, 0.2186, 0.2193



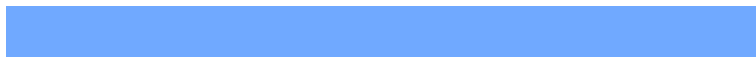
39.0407, 0.4524, 0.3515



39.0407, 0.2724, 0.4241

Complementary

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



39.0407, 0.2186, 0.2193



62.7985, 0.4255, 0.4153

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.



39.0407, 0.3410, 0.4606



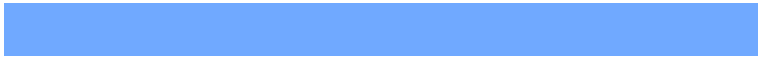
39.0407, 0.2186, 0.2193



39.0407, 0.4481, 0.4047

Square

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



39.0407, 0.2186, 0.2193



39.0407, 0.4126, 0.2992



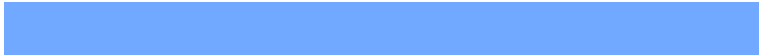
39.0407, 0.4056, 0.4479



39.0407, 0.2183, 0.3514

Rectangle

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



39.0407, 0.2186, 0.2193



39.0407, 0.3182, 0.2438



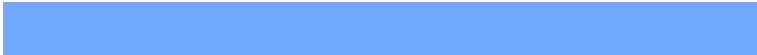
39.0407, 0.4056, 0.4479



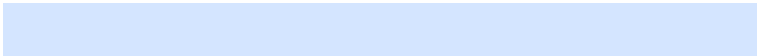
39.0407, 0.2946, 0.4418

Sweetspot

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



39.0421, 0.2186, 0.2193



77.1673, 0.2856, 0.3015



79.0142, 0.2665, 0.4003



15.9954, 0.2823, 0.2979



0.0000, 0.0000, 0.0000



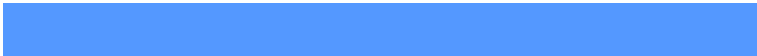
21.4041, 0.3127, 0.3290

Same Dimension

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



39.0421, 0.2186, 0.2193



31.6561, 0.2016, 0.1935



23.2662, 0.2122, 0.1520



18.5662, 0.2979, 0.3143



8.9766, 0.1682, 0.1255



1.0806, 0.1744, 0.1478

Inverse Universe

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



35.7089, 0.4122, 0.2716



29.8998, 0.4436, 0.2647



91.3154, 0.3835, 0.4679



18.1071, 0.3231, 0.3196



11.6342, 0.5389, 0.2743



1.1536, 0.5088, 0.2576

Previews

White Background



This preview shows how the Yxy color 39.0407, 0.2186, 0.2193 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 Yxy color 39.0407, 0.2186, 0.2193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

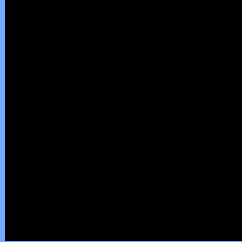
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

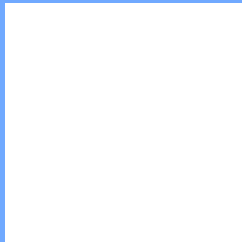
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0407, 0.2186, 0.2193

Background



This preview shows how black text looks on a background with the Yxy color 39.0407, 0.2186, 0.2193.



This preview shows how white text looks on a background with the Yxy color 39.0407, 0.2186, 0.2193.

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

39.0407, 0.2186, 0.2193

Protanopia

38.8343, 0.2324, 0.2201

Deuteranopia

39.1425, 0.2240, 0.2182



Tritanopia

39.1117, 0.2398, 0.3075

Trichromacy



Original Color

39.0407, 0.2186, 0.2193

Protanomaly

38.8899, 0.2273, 0.2204

Deuteranomaly

39.2183, 0.2222, 0.2190

Tritanomaly

38.9954, 0.2310, 0.2716

Monochromacy



Original Color

39.0407, 0.2186, 0.2193

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.8251, 0.2702, 0.2849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0407, 0.2186, 0.2193 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, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 169, 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(112, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 169, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.0407, 0.2186, 0.2193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

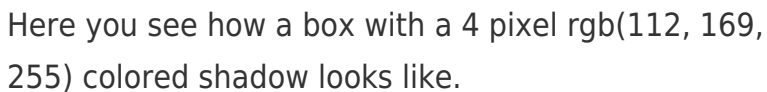
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 169, 255) }
```

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

```
.border{ border-color:rgb(112, 169, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 169, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 169, 255); box-shadow:4px 4px 4px 4px rgb(112, 169, 255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.0407, 0.2186, 0.2193$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 169, 255) }
```

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

```
.background{ background-color: rgb(112,  
169, 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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