

Converting Colors

$Y_{xy}(39.6252, 0.2361, 0.2261)$

Have a look what the booklet for
Yxy(39.6252, 0.2361, 0.2261)
contains.

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Color

Yxy(39.6252, 0.2361, 0.2261)

Conversions

Conversions Part 1

Format	Color
Hex	8CA6F8
RGB	140, 166, 248
RGB Percent	55%, 65%, 97%
CMY	0.4514, 0.3489, 0.0276
CMYK	0.44, 0.33, 0.00, 0.03
HSL	225°, 88%, 76%
HSV	225°, 44%, 97%
XYZ	41.3778, 39.6252, 94.2522
YIQ	167.5740, -41.8180, 19.9900

Conversions

Conversions Part 2

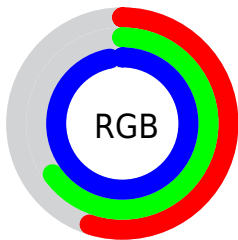
Format	Color
R_{YB}	140, 161, 248
Decimal	9217784
CIE _{Lab}	69.20, 11.70, -43.71
CIE _{LCh}	69, 45.247, 284.985
Yxy	39.6252, 0.2361, 0.2261
Android (android.graphics.Color)	4287407864 (0xFF8CA6F8)
YUV	167.5740, 39.6500, -24.1824
Hunter-Lab	62.9486, 7.1728, -44.7103

Details

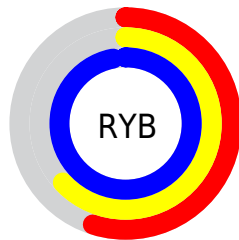
The Yxy color **39.6252, 0.2361, 0.2261** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **73.9978, 0.3885, 0.4136**, and the grayscale version is **38.7484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8032, 0.2760, 0.2920**, and **17.6352, 0.2150, 0.1997** is the 20% darker color. If you saturate the color by 10%, you get **31.3671, 0.2171, 0.1974**, and if you desaturate by 10%, it is **49.3706, 0.2552, 0.2535**.

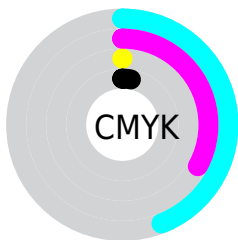
Distribution



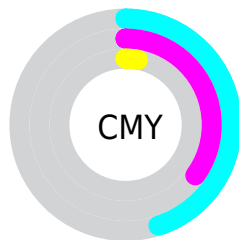
- Red (55%)
- Green (65%)
- Blue (97%)



- Red (55%)
- Yellow (63%)
- Blue (97%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)





- Cyan (45%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6252, 0.2361, 0.2261 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 39.6252, 0.2361, 0.2261 by changing the saturation by 10% instead.

 39.6252, 0.2361,
0.2261

 39.6252, 0.2361,
0.2261

344.5413, 0.2743,
0.2756

 27.2464, 0.2269,
0.2146


 74.5924, 0.2498,
0.2435

 17.7584, 0.2152,
0.2004


 97.9497, 0.2550,
0.2502

 10.7767, 0.2003,
0.1824


125.7353, 0.2595,
0.2560

 5.9169, 0.1805,
0.1594

158.3335, 0.2633,
0.2609

 2.7946, 0.1537,
0.1294

196.1289, 0.2666,
0.2653

 1.0255, 0.1166,
0.0903

239.5057, 0.2695,

 0.0000, 0.0415,

0.2691

0.0000

288.8484, 0.2720,
0.2726

0.0000, 0.0000,
0.0000

39.6252, 0.2361,
0.2261

39.6252, 0.2361,
0.2261

31.3671, 0.2171,
0.1974

49.3706, 0.2552,
0.2535

24.5159, 0.1991,
0.1685

60.6694, 0.2737,
0.2788

18.9894, 0.1831,
0.1408

73.5890, 0.2912,
0.3018

14.6945, 0.1702,
0.1159

88.1912, 0.3073,
0.3223

11.5238, 0.1609,
0.0953

99.5557, 0.3168,
0.3357

■ 10.0041, 0.1568,
0.0846

Harmonies

Analogous

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



39.6252, 0.2033, 0.2358



39.6252, 0.2361, 0.2261



39.6252, 0.2916, 0.2388

Triad

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



39.6252, 0.2361, 0.2261



39.6252, 0.4453, 0.3646



39.6252, 0.2601, 0.4003

Complementary

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



39.6252, 0.2361, 0.2261



73.9978, 0.3885, 0.4136

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.



39.6252, 0.3222, 0.4456



39.6252, 0.2361, 0.2261



39.6252, 0.4312, 0.4129

Square

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



39.6252, 0.2361, 0.2261



39.6252, 0.4187, 0.3144



39.6252, 0.3851, 0.4464



39.6252, 0.2152, 0.3311

Rectangle

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



39.6252, 0.2361, 0.2261



39.6252, 0.3367, 0.2579



39.6252, 0.3851, 0.4464



39.6252, 0.2797, 0.4197

Sweetspot

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



39.6266, 0.2361, 0.2261



79.2455, 0.2921, 0.3030



77.9030, 0.2661, 0.3612



16.2731, 0.2884, 0.2982



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.



39.6266, 0.2361, 0.2261



34.6526, 0.2199, 0.2018



33.7078, 0.2498, 0.1995



17.3245, 0.2979, 0.3105



5.5867, 0.1575, 0.0870



0.6751, 0.1635, 0.1087

Inverse Universe

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



41.4319, 0.3994, 0.3012



37.6262, 0.4264, 0.2964



84.3739, 0.3585, 0.4442



17.2940, 0.3256, 0.3233



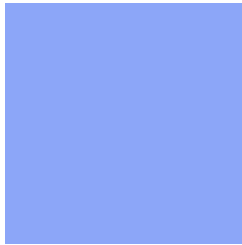
10.9749, 0.5959, 0.3056



1.0324, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 39.6252, 0.2361, 0.2261 looks on a white background.

Color Contrast Check

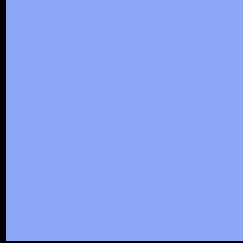
Large Text (above 18pt) WCAG AA × Fail

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 39.6252, 0.2361, 0.2261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

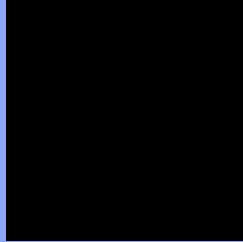
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6252, 0.2361, 0.2261

Background



This preview shows how black text looks on a background with the Yxy color 39.6252, 0.2361, 0.2261.



This preview shows how white text looks on a background with the Yxy color 39.6252, 0.2361, 0.2261.

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

39.6252, 0.2361, 0.2261

Protanopia

39.7125, 0.2368, 0.2262

Deuteranopia

39.5656, 0.2334, 0.2266



Tritanopia

39.5658, 0.2617, 0.3084

Trichromacy



Original Color

39.6252, 0.2361, 0.2261

Protanomaly

39.7125, 0.2368, 0.2262

Deuteranomaly

39.7331, 0.2346, 0.2269

Tritanomaly

39.3864, 0.2513, 0.2746

Monochromacy



Original Color

39.6252, 0.2361, 0.2261

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9378, 0.2809, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6252, 0.2361, 0.2261 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(140, 166, 248)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 248)  
}
```

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(140, 166, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 248) }
```

Border

The CSS property to change the border of an element to Yxy 39.6252, 0.2361, 0.2261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

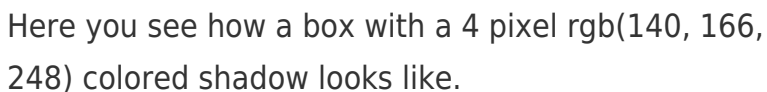
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 166, 248) }
```

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

```
.border{ border-color:rgb(140, 166, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 166, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 166, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 166, 248); box-shadow:4px 4px 4px 4px rgb(140, 166, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6252, 0.2361, 0.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 248) }
```

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

```
.background{ background-color: rgb(140,  
166, 248) }
```

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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