

Converting Colors

$Yxy(39.6924, 0.2248, 0.2200)$

Have a look what the booklet for
Yxy(39.6924, 0.2248, 0.2200)
contains.

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Color

Yxy(39.5852, 0.2248, 0.2197)

Conversions

Conversions Part 1

Format	Color
Hex	7DA8FF
RGB	125, 168, 255
RGB Percent	49%, 66%, 100%
CMY	0.5099, 0.3411, 0.0001
CMYK	0.51, 0.34, 0.00, 0.00
HSL	220°, 100%, 75%
HSV	220°, 51%, 100%
XYZ	40.5041, 39.5852, 100.0891
YIQ	165.0610, -53.5550, 17.9410

Conversions

Conversions Part 2

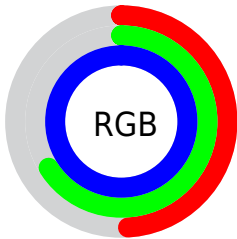
Format	Color
R _Y B	125, 157, 255
Decimal	8235263
CIE Lab	69.17, 9.14, -47.61
CIE LCh	69, 48.482, 280.862
Yxy	39.5852, 0.2248, 0.2197
Android (android.graphics.Color)	4286425343 (0xFF7DA8FF)
YUV	165.0610, 44.3399, -35.1335
Hunter-Lab	62.9168, 4.8091, -50.2778

Details

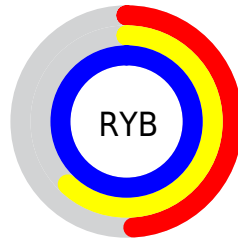
The Yxy color **39.5852, 0.2248, 0.2197** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.7950, 0.4087, 0.4166**, and the grayscale version is **37.4597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1857, 0.2685, 0.2935**, and **17.6580, 0.2015, 0.1918** is the 20% darker color. If you saturate the color by 10%, you get **32.0168, 0.2076, 0.1937**, and if you desaturate by 10%, it is **48.4749, 0.2429, 0.2449**.

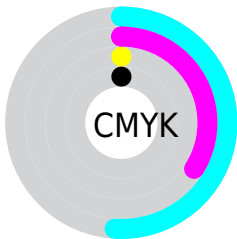
Distribution



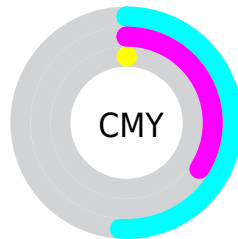
- Red (49%)
- Green (66%)
- Blue (100%)



- Red (49%)
- Yellow (62%)
- Blue (100%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5852, 0.2248, 0.2197 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 39.5852, 0.2248, 0.2197 by changing the saturation by 10% instead.

 39.5852, 0.2248,
0.2197

 39.5852, 0.2248,
0.2197


344.3721, 0.2682,
0.2721


 27.2153, 0.2145,
0.2076


 74.5315, 0.2402,
0.2381

 17.7350, 0.2016,
0.1927


 97.8766, 0.2461,
0.2452

 10.7599, 0.1853,
0.1741


 125.6489, 0.2512,
0.2513

 5.9056, 0.1641,
0.1505

158.2328, 0.2555,
0.2566

 2.7878, 0.1360,
0.1201

196.0127, 0.2593,
0.2612

 1.0220, 0.0989,
0.0816

239.3729, 0.2626,


 0.0000, 0.0243,


0.2653


0.0000


288.6980, 0.2655,
0.2689

 0.0000, 0.0000,
0.0000

 39.5852, 0.2248,
0.2197

 39.5852, 0.2248,
0.2197


 32.0168, 0.2076,
0.1937


 48.4749, 0.2429,
0.2449


 25.6953, 0.1919,
0.1679


 58.7465, 0.2610,
0.2685

 20.5437, 0.1788,
0.1433

 70.4611, 0.2787,
0.2903

 16.4728, 0.1687,
0.1212

 83.6751, 0.2955,
0.3099

 13.6205, 0.1622,
0.1040

 98.4414, 0.3112,
0.3274

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.



39.5852, 0.1940, 0.2331



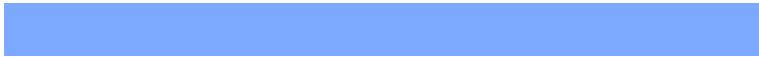
39.5852, 0.2248, 0.2197



39.5852, 0.2806, 0.2302

Triad

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



39.5852, 0.2248, 0.2197



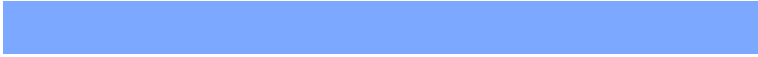
39.5852, 0.4534, 0.3585



39.5852, 0.2645, 0.4150

Complementary

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



39.5852, 0.2248, 0.2197



69.7950, 0.4087, 0.4166

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.



39.5852, 0.3318, 0.4577



39.5852, 0.2248, 0.2197



39.5852, 0.4434, 0.4108

Square

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



39.5852, 0.2248, 0.2197



39.5852, 0.4193, 0.3060



39.5852, 0.3975, 0.4510



39.5852, 0.2137, 0.3411

Rectangle

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



39.5852, 0.2248, 0.2197



39.5852, 0.3279, 0.2487



39.5852, 0.3975, 0.4510



39.5852, 0.2859, 0.4345

Sweetspot

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



39.5866, 0.2248, 0.2197



78.1997, 0.2889, 0.3023



80.5964, 0.2652, 0.3814



16.1422, 0.2853, 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.



39.5866, 0.2248, 0.2197



32.0112, 0.2075, 0.1937



28.0525, 0.2285, 0.1716



18.3599, 0.2979, 0.3126



7.3614, 0.1630, 0.1069



0.9074, 0.1692, 0.1292

Inverse Universe

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



38.7459, 0.4091, 0.2849



32.5015, 0.4400, 0.2786



90.3578, 0.3723, 0.4598



18.0862, 0.3242, 0.3212



11.4711, 0.5656, 0.2889



1.1361, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 39.5852, 0.2248, 0.2197 looks on a white background.

Color Contrast Check

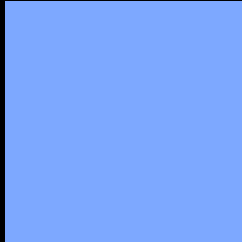
Large Text (above 18pt) WCAG AA × Fail

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 39.5852, 0.2248, 0.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

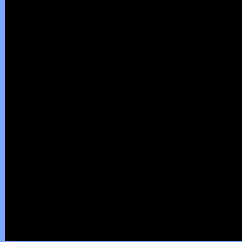
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

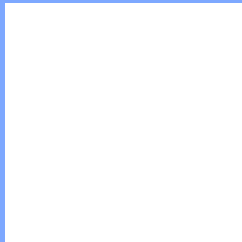
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5852, 0.2248, 0.2197

Background



This preview shows how black text looks on a background with the Yxy color 39.5852, 0.2248, 0.2197.



This preview shows how white text looks on a background with the Yxy color 39.5852, 0.2248, 0.2197.

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

39.5852, 0.2248, 0.2197

Protanopia

39.4054, 0.2322, 0.2196

Deuteranopia

39.7373, 0.2259, 0.2199



Tritanopia

39.5859, 0.2477, 0.3065

Trichromacy



Original Color

39.5852, 0.2248, 0.2197

Protanomaly

39.4147, 0.2291, 0.2192

Deuteranomaly

39.6609, 0.2253, 0.2198

Tritanomaly

39.5052, 0.2384, 0.2712

Monochromacy



Original Color

39.5852, 0.2248, 0.2197

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.8337, 0.2736, 0.2844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5852, 0.2248, 0.2197 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(125, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 168, 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(125, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.5852, 0.2248, 0.2197 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(125, 168, 255) }
```

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

```
.border{ border-color:rgb(125, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5852, 0.2248, 0.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 168, 255) }
```

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

```
.background{ background-color: rgb(125,  
168, 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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