

Converting Colors

$Yxy(36.6188, 0.2220, 0.2091)$

Have a look what the booklet for
Yxy(36.6188, 0.2220, 0.2091)
contains.

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Color

Yxy(36.6467, 0.2222, 0.2092)

Conversions

Conversions Part 1

Format	Color
Hex	7CA0FF
RGB	124, 160, 255
RGB Percent	49%, 63%, 100%
CMY	0.5139, 0.3725, 0.0001
CMYK	0.51, 0.37, 0.00, 0.00
HSL	223°, 100%, 74%
HSV	223°, 51%, 100%
XYZ	38.9240, 36.6467, 99.6047
YIQ	160.0660, -51.9510, 21.9130

Conversions

Conversions Part 2

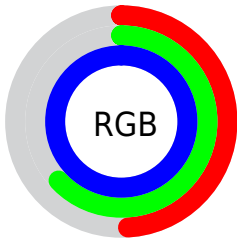
Format	Color
RYB	124, 152, 255
Decimal	8167679
CIELab	67.01, 13.50, -51.03
CIELCh	67, 52.782, 284.816
Yxy	36.6467, 0.2222, 0.2092
Android (android.graphics.Color)	4286357759 (0xFF7CA0FF)
YUV	160.0660, 46.8025, -31.6299
Hunter-Lab	60.5365, 8.8336, -55.1782

Details

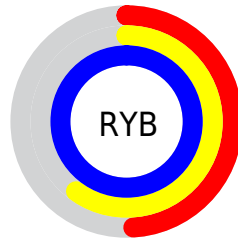
The Yxy color **36.6467, 0.2222, 0.2092** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **73.3253, 0.4056, 0.4238**, and the grayscale version is **34.9813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3804, 0.2668, 0.2831**, and **16.0386, 0.1977, 0.1796** is the 20% darker color. If you saturate the color by 10%, you get **29.0496, 0.2043, 0.1813**, and if you desaturate by 10%, it is **45.6897, 0.2409, 0.2365**.

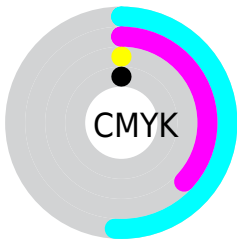
Distribution



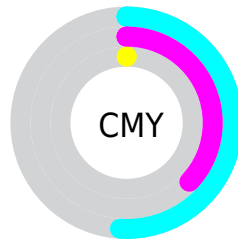
- Red (49%)
- Green (63%)
- Blue (100%)



- Red (49%)
- Yellow (60%)
- Blue (100%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (51%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6467, 0.2222, 0.2092 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 36.6467, 0.2222, 0.2092 by changing the saturation by 10% instead.

 36.6467, 0.2222,
0.2092


 36.6467, 0.2222,
0.2092


331.7784, 0.2674,
0.2665


 24.9341, 0.2114,
0.1961


 70.0291, 0.2383,
0.2292

 16.0279, 0.1979,
0.1800


 92.4676, 0.2445,
0.2370

 9.5439, 0.1807,
0.1600


 119.2502, 0.2497,
0.2437

 5.0976, 0.1583,
0.1349

150.7613, 0.2543,
0.2495

 2.3047, 0.1289,
0.1034

187.3853, 0.2582,
0.2545

 0.7762, 0.0905,
0.0646

229.5065, 0.2616,

 0.0000, 0.0028,

0.2590

0.0000

277.5094, 0.2647,
0.2630

0.0000, 0.0000,
0.0000

36.6467, 0.2222,
0.2092

36.6467, 0.2222,
0.2092

29.0496, 0.2043,
0.1813

45.6897, 0.2409,
0.2365

22.8139, 0.1881,
0.1539

56.2484, 0.2596,
0.2623

17.8515, 0.1746,
0.1286

68.3928, 0.2777,
0.2861

14.0601, 0.1646,
0.1066

82.1869, 0.2948,
0.3075

11.6209, 0.1586,
0.0911

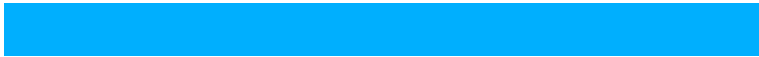
97.6912, 0.3106,
0.3265

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



36.6467, 0.1852, 0.2194



36.6467, 0.2222, 0.2092



36.6467, 0.2864, 0.2240

Triad

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



36.6467, 0.2222, 0.2092



36.6467, 0.4706, 0.3673



36.6467, 0.2496, 0.4163

Complementary

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



36.6467, 0.2222, 0.2092



73.3253, 0.4056, 0.4238

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.



36.6467, 0.3222, 0.4712



36.6467, 0.2222, 0.2092



36.6467, 0.4520, 0.4245

Square

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



36.6467, 0.2222, 0.2092



36.6467, 0.4394, 0.3099



36.6467, 0.3963, 0.4679



36.6467, 0.1980, 0.3305

Rectangle

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



36.6467, 0.2222, 0.2092



36.6467, 0.3401, 0.2457



36.6467, 0.3963, 0.4679



36.6467, 0.2723, 0.4404

Sweetspot

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



36.6480, 0.2222, 0.2092



77.0238, 0.2888, 0.3000



80.8377, 0.2620, 0.3736



15.8613, 0.2852, 0.2955



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.



36.6480, 0.2222, 0.2092



28.6338, 0.2032, 0.1796



28.3315, 0.2324, 0.1721



18.1913, 0.2979, 0.3113



6.2861, 0.1594, 0.0937



0.7854, 0.1653, 0.1152

Inverse Universe

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



38.1980, 0.4190, 0.2922



31.6967, 0.4553, 0.2871



89.2193, 0.3681, 0.4630



18.0692, 0.3251, 0.3225



11.3625, 0.5854, 0.2998



1.1238, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 36.6467, 0.2222, 0.2092 looks on a white background.

Color Contrast Check

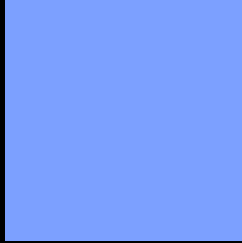
Large Text (above 18pt) WCAG AA × Fail

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 36.6467, 0.2222, 0.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

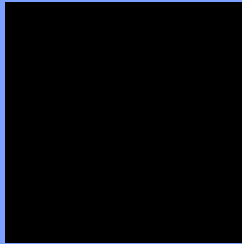
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6467, 0.2222, 0.2092

Background



This preview shows how black text looks on a background with the Yxy color 36.6467, 0.2222, 0.2092.



This preview shows how white text looks on a background with the Yxy color 36.6467, 0.2222, 0.2092.

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

36.6467, 0.2222, 0.2092

Protanopia

36.4641, 0.2240, 0.2093

Deuteranopia

36.5071, 0.2175, 0.2111



Tritanopia

36.7277, 0.2484, 0.3073

Trichromacy



Original Color

36.6467, 0.2222, 0.2092

Protanomaly

36.3877, 0.2235, 0.2091

Deuteranomaly

36.4274, 0.2192, 0.2103

Tritanomaly

36.4444, 0.2380, 0.2669

Monochromacy



Original Color

36.6467, 0.2222, 0.2092

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2848, 0.2727, 0.2792

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6467, 0.2222, 0.2092 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(124, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 160, 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(124, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 160, 255) }
```

Border

The CSS property to change the border of an element to Yxy 36.6467, 0.2222, 0.2092 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(124, 160, 255) }
```

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

```
.border{ border-color:rgb(124, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 160,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 36.6467, 0.2222, 0.2092$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 160, 255) }
```

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

```
.background{ background-color: rgb(124,  
160, 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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