

Converting Colors

$Yxy(24.4317, 0.1849, 0.1662)$

Have a look what the booklet for
Yxy(24.4317, 0.1849, 0.1662)
contains.

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Color

Yxy(24.4317, 0.1849, 0.1662)

Conversions

Conversions Part 1

Format	Color
Hex	3085FC
RGB	48, 133, 252
RGB Percent	19%, 52%, 99%
CMY	0.8115, 0.4785, 0.0117
CMYK	0.81, 0.47, 0.00, 0.01
HSL	215°, 97%, 59%
HSV	215°, 81%, 99%
XYZ	27.1806, 24.4317, 95.3895
YIQ	121.1510, -88.8590, 18.9890

Conversions

Conversions Part 2

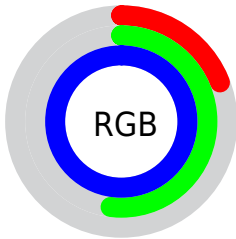
Format	Color
R _Y B	48, 108, 252
Decimal	3180028
CIE Lab	56.52, 16.84, -66.34
CIE LCh	57, 68.445, 284.243
Yxy	24.4317, 0.1849, 0.1662
Android (android.graphics.Color)	4281370108 (0xFF3085FC)
YUV	121.1510, 64.5086, -64.1534
Hunter-Lab	49.4284, 11.6572, -79.8209

Details

The Yxy color **24.4317, 0.1849, 0.1662** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **48.5836, 0.4850, 0.4322**, and the grayscale version is **18.9876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3535, 0.2297, 0.2419**, and **10.4371, 0.1712, 0.1365** is the 20% darker color. If you saturate the color by 10%, you get **20.2339, 0.1753, 0.1452**, and if you desaturate by 10%, it is **29.5423, 0.1972, 0.1886**.

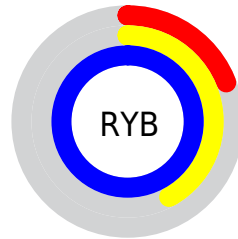
Distribution



Red (19%)

Green (52%)

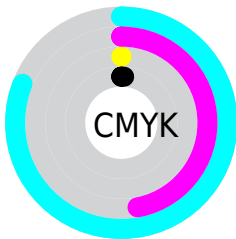
Blue (99%)



Red (19%)

Yellow (42%)

Blue (99%)

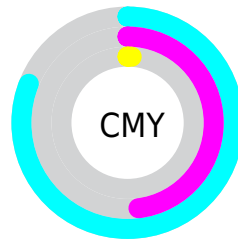


Cyan (81%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (81%)

Magenta (48%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4317, 0.1849, 0.1662 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 24.4317, 0.1849, 0.1662 by changing the saturation by 10% instead.


 24.4317, 0.1849,
0.1662


 24.4317, 0.1849,
0.1662


274.9958, 0.2501,
0.2451


 15.6542, 0.1694,
0.1486


 50.7338, 0.2083,
0.1935


 9.2798, 0.1503,
0.1275


 69.0271, 0.2172,
0.2043

 4.9241, 0.1267,
0.1024


 91.2611, 0.2248,
0.2135

 2.2028, 0.0977,
0.0732

 117.8202, 0.2313,
0.2215

 0.7215, 0.0636,
0.0408

149.0889, 0.2370,
0.2285

 0.0000, 0.0048,
0.0000

185.4514, 0.2419,

 0.0000, 0.0000,

0.2347

0.0000

227.2923, 0.2463,
0.2402

■ 24.4317, 0.1849,
0.1662

■ 24.4317, 0.1849,
0.1662

■ 20.2339, 0.1753,
0.1452

■ 29.5423, 0.1972,
0.1886

■ 17.1196, 0.1688,
0.1278

■ 35.6370, 0.2117,
0.2116

■ 42.7802, 0.2278,
0.2344

■ 51.0289, 0.2448,
0.2562

■ 60.4356, 0.2621,
0.2767

■ 71.0486, 0.2791,
0.2955

■ 82.9134, 0.2956,
0.3125

■ 96.0728, 0.3113,
0.3277

■ 99.8091, 0.3144,
0.3318

Harmonies

Analogous

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



24.4317, 0.1396, 0.1765



24.4317, 0.1849, 0.1662



24.4317, 0.2699, 0.1854

Triad

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



24.4317, 0.1849, 0.1662



24.4317, 0.5393, 0.3665



24.4317, 0.2185, 0.4675

Complementary

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



24.4317, 0.1849, 0.1662



48.5836, 0.4850, 0.4322

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.



24.4317, 0.3171, 0.5487



24.4317, 0.1849, 0.1662



24.4317, 0.5033, 0.4453

Square

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



24.4317, 0.1849, 0.1662



24.4317, 0.4982, 0.2942



24.4317, 0.4198, 0.5215



24.4317, 0.1521, 0.3273

Rectangle

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



24.4317, 0.1849, 0.1662



24.4317, 0.3473, 0.2129



24.4317, 0.4198, 0.5215



24.4317, 0.2491, 0.5067

Sweetspot

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



24.4324, 0.1849, 0.1662



69.4740, 0.2739, 0.2899



73.0510, 0.2615, 0.4441



14.0373, 0.2678, 0.2832



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.



24.4324, 0.1849, 0.1662



18.5611, 0.1708, 0.1333



10.2751, 0.1678, 0.0828



17.8305, 0.2979, 0.3148



9.1918, 0.1697, 0.1309



1.0552, 0.1762, 0.1542

Inverse Universe

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



24.5111, 0.4810, 0.2594



22.5660, 0.5277, 0.2696



87.5087, 0.4021, 0.5054



17.3451, 0.3228, 0.3192



11.3388, 0.5314, 0.2701



1.0708, 0.5005, 0.2531

Previews

White Background



This preview shows how the Yxy color 24.4317, 0.1849, 0.1662 looks on a white background.

Color Contrast Check

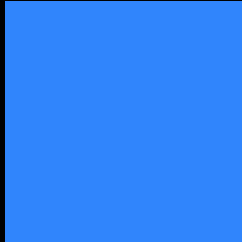
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4317, 0.1849, 0.1662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

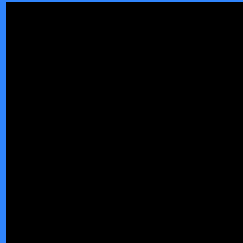
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

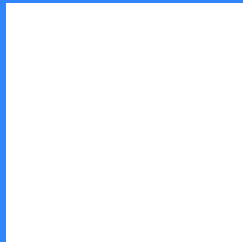
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4317, 0.1849, 0.1662

Background



This preview shows how black text looks on a background with the Yxy color 24.4317, 0.1849, 0.1662.



This preview shows how white text looks on a background with the Yxy color 24.4317, 0.1849, 0.1662.

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

24.4317, 0.1849, 0.1662

Protanopia

24.4886, 0.1924, 0.1685

Deuteranopia

24.2422, 0.1830, 0.1787



Tritanopia

24.3508, 0.2193, 0.3096

Trichromacy



Original Color

24.4317, 0.1849, 0.1662

Protanomaly

24.4946, 0.1894, 0.1680

Deuteranomaly

24.3201, 0.1828, 0.1742

Tritanomaly

23.9159, 0.2028, 0.2446

Monochromacy



Original Color

24.4317, 0.1849, 0.1662

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.9115, 0.2407, 0.2508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4317, 0.1849, 0.1662 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(48, 133, 252)` looks like.

```
.text, #text, p{  
    color:rgb(48, 133, 252)  
}
```

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(48, 133, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 133, 252) }
```

Border

The CSS property to change the border of an element to Yxy 24.4317, 0.1849, 0.1662 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(48, 133, 252) }
```

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

```
.border{ border-color:rgb(48, 133, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 133, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 133, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 133, 252);  
box-shadow:4px 4px 4px 4px rgb(48, 133,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4317, 0.1849, 0.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 133, 252) }
```

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

```
.background{ background-color: rgb(48, 133,  
252) }
```

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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