

Converting Colors

$Yxy(19.2686, 0.2045, 0.1945)$

Have a look what the booklet for
Yxy(19.2686, 0.2045, 0.1945)
contains.

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Color

Yxy(19.3740, 0.2044, 0.1947)

Conversions

Conversions Part 1

Format	Color
Hex	4779CC
RGB	71, 121, 204
RGB Percent	28%, 47%, 80%
CMY	0.7212, 0.5255, 0.2000
CMYK	0.65, 0.41, 0.00, 0.20
HSL	217°, 57%, 54%
HSV	217°, 65%, 80%
XYZ	20.3392, 19.3740, 59.7937
YIQ	115.5120, -56.4430, 15.2130

Conversions

Conversions Part 2

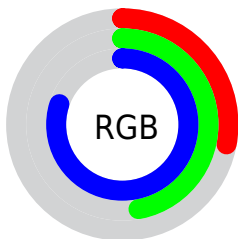
Format	Color
R_{YB}	71, 107, 204
Decimal	4684236
CIE _{Lab}	51.12, 9.75, -48.05
CIE _{LCh}	51, 49.032, 281.468
Yxy	19.3740, 0.2044, 0.1947
Android (android.graphics.Color)	4282874316 (0xFF4779CC)
YUV	115.5120, 43.6246, -39.0370
Hunter-Lab	44.0159, 5.4549, -49.7318

Details

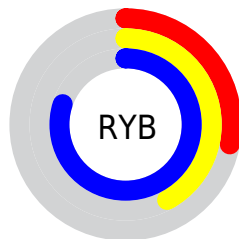
The Yxy color **19.3740, 0.2044, 0.1947** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **36.4366, 0.4421, 0.4283**, and the grayscale version is **17.1919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9324, 0.2292, 0.2270**, and **6.9350, 0.1770, 0.1572** is the 20% darker color. If you saturate the color by 10%, you get **15.8329, 0.1902, 0.1708**, and if you desaturate by 10%, it is **23.5842, 0.2204, 0.2189**.

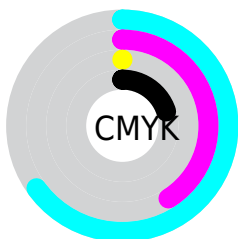
Distribution



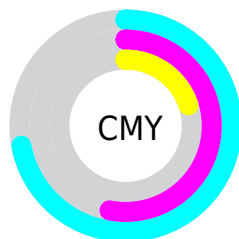
- Red (28%)
- Green (47%)
- Blue (80%)



- Red (28%)
- Yellow (42%)
- Blue (80%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3740, 0.2044, 0.1947 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 19.3740, 0.2044, 0.1947 by changing the saturation by 10% instead.

■ 19.3740, 0.2044,
0.1947

■ 19.3740, 0.2044,
0.1947

■ 248.5057, 0.2632,
0.2653

■ 11.9408, 0.1889,
0.1768

■ 42.3651, 0.2266,
0.2207

■ 6.7034, 0.1688,
0.1543

■ 58.6919, 0.2347,
0.2304

■ 3.2773, 0.1423,
0.1253

■ 78.7519, 0.2415,
0.2386

■ 1.2782, 0.1071,
0.0886

■ 102.9297, 0.2472,
0.2456

■ 0.1242, 0.0521,
0.0182

■ 131.6096, 0.2521,
0.2515

■ 0.0000, 0.0000,
0.0000

165.1759, 0.2563,

0.2567

204.0132, 0.2600,
0.2613

■ 19.3740, 0.2044,
0.1947

■ 19.3740, 0.2044,
0.1947

■ 15.8329, 0.1902,
0.1708

■ 23.5842, 0.2204,
0.2189

■ 12.9162, 0.1785,
0.1480

■ 28.5001, 0.2375,
0.2424

■ 10.5743, 0.1697,
0.1273

■ 34.1574, 0.2549,
0.2647

■ 9.6105, 0.1661,
0.1181

■ 40.5883, 0.2722,
0.2854

■ 47.8233, 0.2890,
0.3042

■ 55.8908, 0.3049,
0.3210

■ 64.8180, 0.3198,
0.3360

■ 74.6306, 0.3336,
0.3492

■ 85.3531, 0.3463,
0.3608

Harmonies

Analogous

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



19.3740, 0.1676, 0.2082



19.3740, 0.2044, 0.1947



19.3740, 0.2726, 0.2084

Triad

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



19.3740, 0.2044, 0.1947



19.3740, 0.4919, 0.3615



19.3740, 0.2478, 0.4410

Complementary

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



19.3740, 0.2044, 0.1947



36.4366, 0.4421, 0.4283

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.



19.3740, 0.3307, 0.4972



19.3740, 0.2044, 0.1947



19.3740, 0.4743, 0.4263

Square

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



19.3740, 0.2044, 0.1947



19.3740, 0.4508, 0.2991



19.3740, 0.4132, 0.4819



19.3740, 0.1875, 0.3403

Rectangle

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



19.3740, 0.2044, 0.1947



19.3740, 0.3326, 0.2307



19.3740, 0.4132, 0.4819



19.3740, 0.2740, 0.4676

Sweetspot

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



19.3746, 0.2044, 0.1947



72.9119, 0.2805, 0.2948



46.8300, 0.2618, 0.4094



14.8886, 0.2757, 0.2894



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.



19.3746, 0.2044, 0.1947



24.2366, 0.1854, 0.1618



10.8838, 0.1977, 0.1262



11.5226, 0.2983, 0.3141



6.2145, 0.1669, 0.1206



0.4654, 0.1779, 0.1606

Inverse Universe

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



18.7350, 0.4409, 0.2698



25.7307, 0.4850, 0.2670



54.3958, 0.3886, 0.4850



11.2822, 0.3232, 0.3203



8.4303, 0.5457, 0.2780



0.4495, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 19.3740, 0.2044, 0.1947 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 19.3740, 0.2044, 0.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

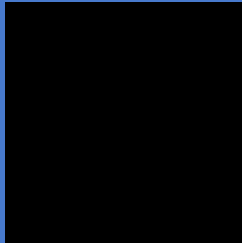
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3740, 0.2044, 0.1947

Background



This preview shows how black text looks on a background with the Yxy color 19.3740, 0.2044, 0.1947.



This preview shows how white text looks on a background with the Yxy color 19.3740, 0.2044, 0.1947.

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

19.3740, 0.2044, 0.1947

Protanopia

19.2474, 0.2133, 0.1948

Deuteranopia

19.3687, 0.2014, 0.1953



Tritanopia

19.4519, 0.2254, 0.3060

Trichromacy



Original Color

19.3740, 0.2044, 0.1947

Protanomaly

19.2548, 0.2095, 0.1942

Deuteranomaly

19.4720, 0.2028, 0.1958

Tritanomaly

19.0821, 0.2157, 0.2580

Monochromacy



Original Color

19.3740, 0.2044, 0.1947

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.8043, 0.2610, 0.2721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3740, 0.2044, 0.1947 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(71, 121, 204)` looks like.

```
.text, #text, p{  
    color:rgb(71, 121, 204)  
}
```

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(71, 121, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 121, 204) }
```

Border

The CSS property to change the border of an element to Yxy 19.3740, 0.2044, 0.1947 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(71, 121, 204) }
```

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

```
.border{ border-color:rgb(71, 121, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 121, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 121, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 121, 204);  
box-shadow:4px 4px 4px 4px rgb(71, 121,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3740, 0.2044, 0.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 121, 204) }
```

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

```
.background{ background-color: rgb(71, 121,  
204) }
```

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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