

Converting Colors

$Y_{xy}(19.1295, 0.2061, 0.1662)$

Have a look what the booklet for
Yxy(19.1295, 0.2061, 0.1662)
contains.

Yxy(19.1295, 0.2061, 0.1662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	29

Color

$Y_{xy}(19.1295, 0.2061, 0.1662)$

Conversions

Conversions Part 1

Format	Color
Hex	5F6FDF
RGB	95, 111, 223
RGB Percent	37%, 44%, 87%
CMY	0.6274, 0.5647, 0.1255
CMYK	0.57, 0.50, 0.00, 0.13
HSL	232°, 67%, 62%
HSV	232°, 57%, 87%
XYZ	23.7220, 19.1295, 72.2478
YIQ	118.9840, -45.4880, 31.4400

Conversions

Conversions Part 2

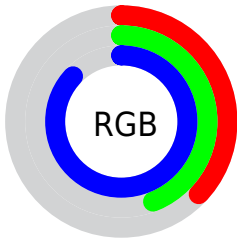
Format	Color
R_{YB}	95, 109, 223
Decimal	6254559
CIE _{Lab}	50.84, 26.71, -59.20
CIE _{LCh}	51, 64.949, 294.281
Yxy	19.1295, 0.2061, 0.1662
Android (android.graphics.Color)	4284444639 (0xFF5F6FDF)
YUV	118.9840, 51.2799, -21.0340
Hunter-Lab	43.7373, 20.2735, -67.3226

Details

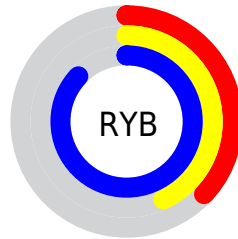
The Yxy color **19.1295, 0.2061, 0.1662** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **61.1352, 0.4039, 0.4506**, and the grayscale version is **18.2890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9307, 0.2405, 0.2168**, and **6.6055, 0.1715, 0.1245** is the 20% darker color. If you saturate the color by 10%, you get **14.2988, 0.1877, 0.1353**, and if you desaturate by 10%, it is **25.2330, 0.2261, 0.1985**.

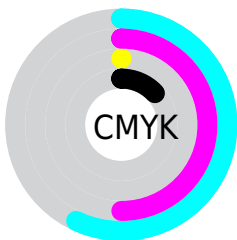
Distribution



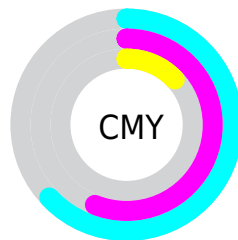
- Red (37%)
- Green (44%)
- Blue (87%)



- Red (37%)
- Yellow (43%)
- Blue (87%)



- Cyan (57%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1295, 0.2061, 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 19.1295, 0.2061, 0.1662 by changing the saturation by 10% instead.

■ 19.1295, 0.2061,
0.1662

■ 19.1295, 0.2061,
0.1662

■ 247.1627, 0.2643,
0.2475

■ 11.7639, 0.1909,
0.1473

■ 41.9528, 0.2280,
0.1950

■ 6.5831, 0.1714,
0.1243

■ 58.1793, 0.2360,
0.2061

■ 3.2028, 0.1461,
0.0964

■ 78.1282, 0.2427,
0.2156

■ 1.2385, 0.1131,
0.0638

■ 102.1839, 0.2484,
0.2238

■ 0.0928, 0.0727,
0.0091

■ 130.7308, 0.2532,
0.2309

■ 0.0000, 0.0000,
0.0000

164.1533, 0.2574,

0.2371

202.8358, 0.2611,
0.2426

■ 19.1295, 0.2061,
0.1662

■ 19.1295, 0.2061,
0.1662

■ 14.2988, 0.1877,
0.1353

■ 25.2330, 0.2261,
0.1985

■ 10.6479, 0.1721,
0.1080

■ 32.6896, 0.2464,
0.2303

■ 8.0737, 0.1606,
0.0862


■ 41.5752, 0.2661,
0.2604


■ 6.4501, 0.1536,
0.0711


■ 51.9594, 0.2846,
0.2880

■ 6.1518, 0.1523,
0.0682

■ 63.9072, 0.3014,
0.3126

 77.4798, 0.3165,
0.3344

 92.7351, 0.3299,
0.3533

 98.1073, 0.3316,
0.3601

Harmonies

Analogous

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



19.1295, 0.1473, 0.1659



19.1295, 0.2061, 0.1662



19.1295, 0.3068, 0.1949

Triad

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



19.1295, 0.2061, 0.1662



19.1295, 0.5399, 0.3920



19.1295, 0.1880, 0.4239

Complementary

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



19.1295, 0.2061, 0.1662



61.1352, 0.4039, 0.4506

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.



19.1295, 0.2806, 0.5414



19.1295, 0.2061, 0.1662



19.1295, 0.4819, 0.4743

Square

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



19.1295, 0.2061, 0.1662



19.1295, 0.5271, 0.3166



19.1295, 0.3868, 0.5449



19.1295, 0.1357, 0.2848

Rectangle

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



19.1295, 0.2061, 0.1662



19.1295, 0.3911, 0.2283



19.1295, 0.3868, 0.5449



19.1295, 0.2154, 0.4720

Sweetspot

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



19.1301, 0.2061, 0.1662



70.8263, 0.2850, 0.2887



59.6567, 0.2491, 0.3519



14.5116, 0.2814, 0.2833



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.



19.1301, 0.2061, 0.1662



18.2004, 0.1841, 0.1292



19.2574, 0.2383, 0.1607



13.5180, 0.2981, 0.3078



3.7062, 0.1527, 0.0697



0.3486, 0.1586, 0.0908

Inverse Universe

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



25.0197, 0.4656, 0.3115



27.7996, 0.5187, 0.3108



62.8347, 0.3575, 0.4844



13.7283, 0.3272, 0.3261



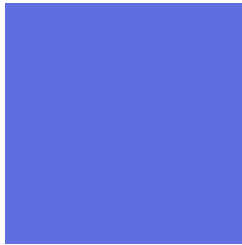
9.2822, 0.6237, 0.3210



0.6526, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 19.1295, 0.2061, 0.1662 looks on a white background.

Color Contrast Check

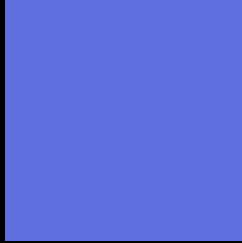
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1295, 0.2061, 0.1662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

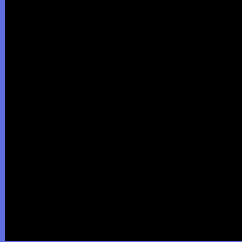
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1295, 0.2061, 0.1662

Background



This preview shows how black text looks on a background with the Yxy color 19.1295, 0.2061, 0.1662.

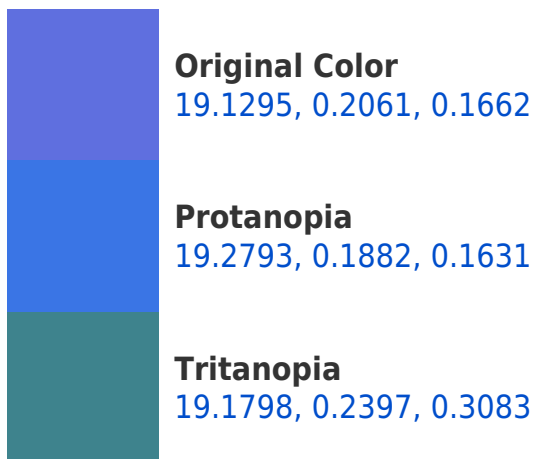


This preview shows how white text looks on a background with the Yxy color 19.1295, 0.2061, 0.1662.

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



Trichromacy



Original Color

19.1295, 0.2061, 0.1662

Protanomaly

19.1471, 0.1932, 0.1638

Tritanomaly

18.8114, 0.2245, 0.2429

Monochromacy



Original Color

19.1295, 0.2061, 0.1662

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2401, 0.2627, 0.2553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1295, 0.2061, 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(95, 111, 223)` looks like.

```
.text, #text, p{  
    color:rgb(95, 111, 223)  
}
```

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(95, 111, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 111, 223) }
```

Border

The CSS property to change the border of an element to Yxy 19.1295, 0.2061, 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(95, 111, 223) }
```

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

```
.border{ border-color:rgb(95, 111, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 111, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 111, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 111, 223);  
box-shadow:4px 4px 4px 4px rgb(95, 111,  
223) }
```

Background

The CSS property to change the background color of an element to Yxy 19.1295, 0.2061, 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(95, 111, 223) }
```

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

```
.background{ background-color: rgb(95, 111,  
223) }
```

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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