

Converting Colors

$Y_{xy}(19.1517, 0.1975, 0.1986)$

Have a look what the booklet for
Yxy(19.1517, 0.1975, 0.1986)
contains.

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Color

Yxy(19.0611, 0.1974, 0.1987)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 327BC9 |
| RGB | 50, 123, 201 |
| RGB Percent | 20%, 48%, 79% |
| CMY | 0.8042, 0.5176, 0.2118 |
| CMYK | 0.75, 0.39, 0.00, 0.21 |
| HSL | 211°, 60%, 49% |
| HSV | 211°, 75%, 79% |
| XYZ | 18.9364, 19.0611, 57.9315 |
| YIQ | 110.0650, -68.5460, 8.7820 |

Conversions

Conversions Part 2

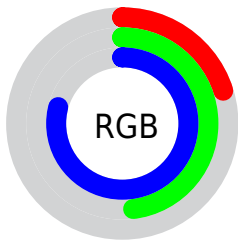
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 50, 99, 201 |
| Decimal | 3308489 |
| CIE _{Lab} | 50.76, 4.27, -46.96 |
| CIE _{LCh} | 51, 47.155, 275.201 |
| Yxy | 19.0611, 0.1974, 0.1987 |
| Android (android.graphics.Color) | 4281498569 (0xFF327BC9) |
| YUV | 110.0650, 44.8310, -52.6770 |
| Hunter-Lab | 43.6590, 1.0182, -48.1111 |

Details

The Yxy color **19.0611, 0.1974, 0.1987** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **28.0559, 0.4820, 0.4179**, and the grayscale version is **15.4909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5929, 0.2222, 0.2277**, and **7.1075, 0.1793, 0.1654** is the 20% darker color. If you saturate the color by 10%, you get **16.2197, 0.1868, 0.1789**, and if you desaturate by 10%, it is **22.4005, 0.2101, 0.2189**.

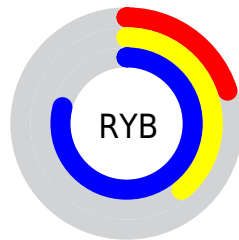
Distribution



Red (20%)

Green (48%)

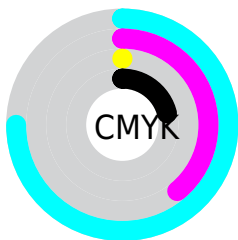
Blue (79%)



Red (20%)

Yellow (39%)

Blue (79%)

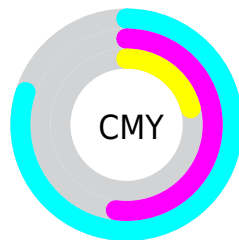


Cyan (75%)

Magenta (39%)

Yellow (0%)

Black (21%)



Cyan (80%)

Magenta (52%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0611, 0.1974, 0.1987 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 19.0611, 0.1974, 0.1987 by changing the saturation by 10% instead.

■ 19.0611, 0.1974,
0.1987

■ 19.0611, 0.1974,
0.1987

246.7859, 0.2597,
0.2681

■ 11.7144, 0.1810,
0.1808

■ 41.8373, 0.2208,
0.2245

■ 6.5495, 0.1600,
0.1580

■ 58.0357, 0.2294,
0.2341

■ 3.1820, 0.1324,
0.1286

■ 77.9534, 0.2366,
0.2421

■ 1.2275, 0.0963,
0.0909

■ 101.9748, 0.2427,
0.2489

■ 0.0840, 0.0297,
0.0135

■ 130.4844, 0.2479,
0.2548

■ 0.0000, 0.0000,
0.0000

163.8665, 0.2524,

0.2598

202.5055, 0.2563,
0.2642

■ 19.0611, 0.1974,
0.1987

■ 19.0611, 0.1974,
0.1987

■ 16.2197, 0.1868,
0.1789

■ 22.4005, 0.2101,
0.2189

■ 13.8341, 0.1787,
0.1602

■ 26.2702, 0.2246,
0.2388

■ 12.8117, 0.1754,
0.1515

■ 30.7012, 0.2402,
0.2581

■ 35.7207, 0.2565,
0.2763

■ 41.3543, 0.2729,
0.2932

■ 47.6253, 0.2892,
0.3086

■ 54.5561, 0.3049,
0.3224

■ 62.1676, 0.3199,
0.3348

■ 70.4798, 0.3340,
0.3458

Harmonies

Analogous

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



19.0611, 0.1676, 0.2184



19.0611, 0.1974, 0.1987



19.0611, 0.2577, 0.2068

Triad

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



19.0611, 0.1974, 0.1987



19.0611, 0.4827, 0.3483



19.0611, 0.2659, 0.4536

Complementary

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



19.0611, 0.1974, 0.1987



28.0559, 0.4820, 0.4179

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.



19.0611, 0.3483, 0.4935



19.0611, 0.1974, 0.1987



19.0611, 0.4775, 0.4115

Square

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



19.0611, 0.1974, 0.1987



19.0611, 0.4314, 0.2884



19.0611, 0.4257, 0.4685



19.0611, 0.2009, 0.3608

Rectangle

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



19.0611, 0.1974, 0.1987



19.0611, 0.3131, 0.2256



19.0611, 0.4257, 0.4685



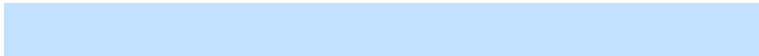
19.0611, 0.2926, 0.4749

Sweetspot

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



19.0617, 0.1974, 0.1987



72.7061, 0.2760, 0.2961



43.9360, 0.2686, 0.4552



14.7633, 0.2700, 0.2902



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.



19.0617, 0.1974, 0.1987



25.1948, 0.1816, 0.1673



7.1668, 0.1707, 0.0942



11.1203, 0.2983, 0.3168



8.2383, 0.1761, 0.1540



0.5350, 0.1869, 0.1928

Inverse Universe

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



16.1205, 0.4413, 0.2470



23.7699, 0.4825, 0.2489



54.4130, 0.4100, 0.4899



10.7210, 0.3215, 0.3179



8.3716, 0.5008, 0.2532



0.4110, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 19.0611, 0.1974, 0.1987 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 19.0611, 0.1974, 0.1987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

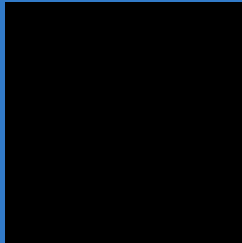
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0611, 0.1974, 0.1987

Background



This preview shows how black text looks on a background with the Yxy color 19.0611, 0.1974, 0.1987.



This preview shows how white text looks on a background with the Yxy color 19.0611, 0.1974, 0.1987.

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

19.0611, 0.1974, 0.1987

Protanopia

19.0662, 0.2177, 0.2019

Deuteranopia

18.9818, 0.2023, 0.1970



Tritanopia

19.0638, 0.2188, 0.3076

Trichromacy



Original Color

19.0611, 0.1974, 0.1987

Protanomaly

19.0060, 0.2088, 0.2003

Deuteranomaly

19.0659, 0.2005, 0.1980

Tritanomaly

18.8105, 0.2079, 0.2603

Monochromacy



Original Color

19.0611, 0.1974, 0.1987

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.3193, 0.2528, 0.2730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0611, 0.1974, 0.1987 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(50, 123, 201)` looks like.

```
.text, #text, p{  
    color:rgb(50, 123, 201)  
}
```

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(50, 123, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 123, 201) }
```

Border

The CSS property to change the border of an element to Yxy 19.0611, 0.1974, 0.1987 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(50, 123, 201) }
```

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

```
.border{ border-color:rgb(50, 123, 201) }
```

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

Here you see how a box with a 4 pixel rgb(50, 123, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 123, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 123, 201);  
box-shadow:4px 4px 4px 4px rgb(50, 123,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0611, 0.1974, 0.1987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 123, 201) }
```

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

```
.background{ background-color: rgb(50, 123,  
201) }
```

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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