

Converting Colors

$Yxy(18.0724, 0.1735, 0.1375)$

Have a look what the booklet for
Yxy(18.0724, 0.1735, 0.1375)
contains.

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Color

Yxy(18.0739, 0.1736, 0.1378)

Conversions

Conversions Part 1

Format	Color
Hex	196EF7
RGB	25, 110, 247
RGB Percent	10%, 43%, 97%
CMY	0.9020, 0.5687, 0.0312
CMYK	0.90, 0.55, 0.00, 0.03
HSL	217°, 93%, 53%
HSV	217°, 90%, 97%
XYZ	22.7694, 18.0739, 90.3170
YIQ	100.2030, -94.6370, 24.5870

Conversions

Conversions Part 2

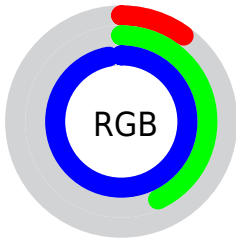
Format	Color
R_{YB}	25, 86, 247
Decimal	1666807
CIE _{Lab}	49.59, 27.84, -74.84
CIE _{LCh}	50, 79.848, 290.403
Yxy	18.0739, 0.1736, 0.1378
Android (android.graphics.Color)	4279856887 (0xFF196EF7)
YUV	100.2030, 72.3709, -65.9530
Hunter-Lab	42.5134, 21.2030, -96.1984

Details

The Yxy color **18.0739, 0.1736, 0.1378** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **45.7058, 0.4940, 0.4386**, and the grayscale version is **12.6275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4227, 0.2183, 0.2093**, and **7.3409, 0.1636, 0.1090** is the 20% darker color. If you saturate the color by 10%, you get **14.8581, 0.1662, 0.1184**, and if you desaturate by 10%, it is **22.1158, 0.1838, 0.1596**.

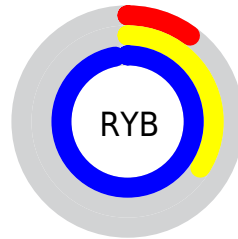
Distribution



Red (10%)

Green (43%)

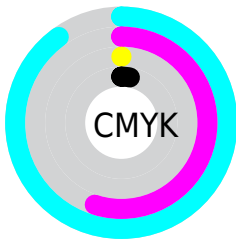
Blue (97%)



Red (10%)

Yellow (34%)

Blue (97%)

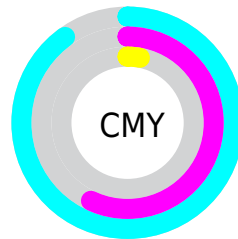


Cyan (90%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (90%)


Magenta (57%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0739, 0.1736, 0.1378 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 18.0739, 0.1736, 0.1378 by changing the saturation by 10% instead.


 18.0739, 0.1736,
0.1378


 18.0739, 0.1736,
0.1378


241.2873, 0.2467,
0.2298


 11.0031, 0.1560,
0.1180


 40.1632, 0.2000,
0.1692


 6.0689, 0.1345,
0.0951


 55.9505, 0.2101,
0.1817

 2.8870, 0.1083,
0.0691

 75.4120, 0.2186,
0.1925

 1.0730, 0.0771,
0.0413

 98.9321, 0.2259,
0.2019

 0.0000, 0.0425,
0.0000

 126.8954, 0.2322,
0.2102

 0.0000, 0.0000,
0.0000

159.6860, 0.2377,

0.2175

197.6885, 0.2425,
0.2240

■ 18.0739, 0.1736,
0.1378

■ 18.0739, 0.1736,
0.1378

■ 14.8581, 0.1662,
0.1184

■ 22.1158, 0.1838,
0.1596

■ 14.8248, 0.1662,
0.1182

■ 27.0879, 0.1967,
0.1831

■ 33.0635, 0.2119,
0.2073

■ 40.1066, 0.2286,
0.2313

■ 48.2749, 0.2460,
0.2543

■ 57.6212, 0.2636,
0.2758

■ 68.1946, 0.2808,
0.2955

■ 80.0414, 0.2973,
0.3133

■ 93.2050, 0.3129,
0.3292

Harmonies

Analogous

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



18.0739, 0.1152, 0.1401



18.0739, 0.1736, 0.1378



18.0739, 0.2843, 0.1657

Triad

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



18.0739, 0.1736, 0.1378



18.0739, 0.5860, 0.3752



18.0739, 0.1696, 0.4751

Complementary

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



18.0739, 0.1736, 0.1378



45.7058, 0.4940, 0.4386

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.



18.0739, 0.2782, 0.6112



18.0739, 0.1736, 0.1378



18.0739, 0.5154, 0.4723

Square

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



18.0739, 0.1736, 0.1378



18.0739, 0.5673, 0.2951



18.0739, 0.4008, 0.5755



18.0739, 0.1084, 0.2869

Rectangle

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



18.0739, 0.1736, 0.1378



18.0739, 0.3866, 0.2004



18.0739, 0.4008, 0.5755



18.0739, 0.2020, 0.5377

Sweetspot

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



18.0743, 0.1736, 0.1378



65.0183, 0.2685, 0.2816



69.3590, 0.2593, 0.4476



13.1227, 0.2626, 0.2746



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.



18.0743, 0.1736, 0.1378



15.8835, 0.1661, 0.1179



8.1137, 0.1606, 0.0704



16.9666, 0.2980, 0.3140



8.0911, 0.1670, 0.1212



0.9034, 0.1739, 0.1460

Inverse Universe

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



21.6020, 0.5200, 0.2705



22.1346, 0.5497, 0.2802



82.0102, 0.3988, 0.5167



16.5875, 0.3233, 0.3200



10.9162, 0.5449, 0.2776



0.9788, 0.5111, 0.2589

Previews

White Background



This preview shows how the Yxy color 18.0739, 0.1736, 0.1378 looks on a white background.

Color Contrast Check

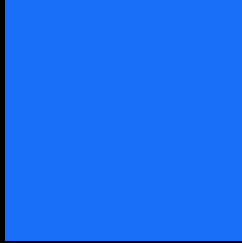
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.0739, 0.1736, 0.1378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

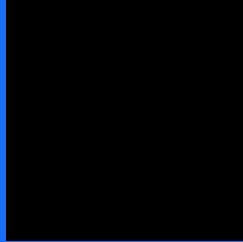
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

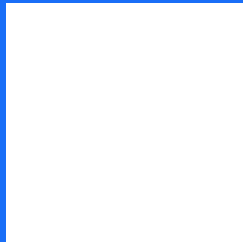
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.0739, 0.1736, 0.1378

Background



This preview shows how black text looks on a background with the Yxy color 18.0739, 0.1736, 0.1378.



This preview shows how white text looks on a background with the Yxy color 18.0739, 0.1736, 0.1378.

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

18.0739, 0.1736, 0.1378

Protanopia

18.0422, 0.1739, 0.1460

Deuteranopia

17.8892, 0.1848, 0.1851



Tritanopia

17.8002, 0.2198, 0.3113

Trichromacy



Original Color

18.0739, 0.1736, 0.1378

Protanomaly

18.0572, 0.1736, 0.1429

Deuteranomaly

17.7693, 0.1797, 0.1645

Tritanomaly

17.4383, 0.1969, 0.2254

Monochromacy



Original Color

18.0739, 0.1736, 0.1378

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.6170, 0.2275, 0.2303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0739, 0.1736, 0.1378 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(25, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(25, 110, 247)  
}
```

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(25, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 110, 247) }
```

Border

The CSS property to change the border of an element to Yxy 18.0739, 0.1736, 0.1378 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(25, 110, 247) }
```

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

```
.border{ border-color:rgb(25, 110, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 110, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(25, 110,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0739, 0.1736, 0.1378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 110, 247) }
```

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

```
.background{ background-color: rgb(25, 110,  
247) }
```

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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