

Converting Colors

$Y_{xy}(19.2777, 0.2018, 0.1329)$

Have a look what the booklet for
Yxy(19.2777, 0.2018, 0.1329)
contains.

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Color

Yxy(19.2306, 0.2017, 0.1323)

Conversions

Conversions Part 1

Format	Color
Hex	7360FF
RGB	115, 96, 255
RGB Percent	45%, 38%, 100%
CMY	0.5486, 0.6237, 0.0000
CMYK	0.55, 0.62, 0.00, 0.00
HSL	247°, 100%, 69%
HSV	247°, 62%, 100%
XYZ	29.3183, 19.2306, 96.8071
YIQ	119.8070, -39.7150, 53.4770

Conversions

Conversions Part 2

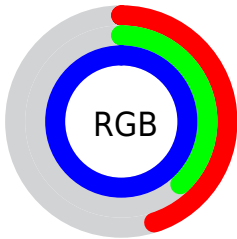
Format	Color
R _Y B	115, 96, 255
Decimal	7561471
CIE _{Lab}	50.96, 49.23, -76.87
CIE _{LCh}	51, 91.286, 302.636
Yxy	19.2306, 0.2017, 0.1323
Android (android.graphics.Color)	4285751551 (0xFF7360FF)
YUV	119.8070, 66.6501, -4.2157
Hunter-Lab	43.8527, 42.5963, -100.1888

Details

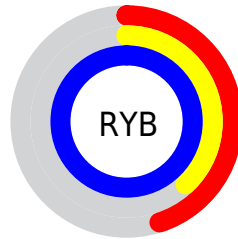
The Yxy color **19.2306, 0.2017, 0.1323** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **90.1685, 0.3868, 0.4816**, and the grayscale version is **18.5117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7469, 0.2543, 0.2052**, and **6.6374, 0.1675, 0.0919** is the 20% darker color. If you saturate the color by 10%, you get **13.9672, 0.1837, 0.1037**, and if you desaturate by 10%, it is **26.3679, 0.2215, 0.1653**.

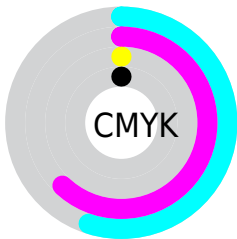
Distribution



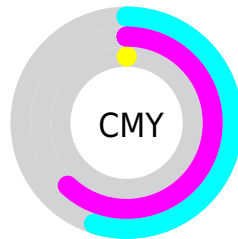
- Red (45%)
- Green (38%)
- Blue (100%)



- Red (45%)
- Yellow (38%)
- Blue (100%)



- Cyan (55%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)




- Cyan (55%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2306, 0.2017, 0.1323 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 19.2306, 0.2017, 0.1323 by changing the saturation by 10% instead.


 19.2306, 0.2017,
0.1323


 19.2306, 0.2017,
0.1323


247.7189, 0.2620,
0.2233


 11.8370, 0.1866,
0.1134


 42.1234, 0.2240,
0.1627

 6.6328, 0.1677,
0.0918


 58.3914, 0.2323,
0.1750

 3.2335, 0.1438,
0.0674


 78.3863, 0.2393,
0.1857

 1.2548, 0.1138,
0.0415

 102.4926, 0.2452,
0.1951

 0.1058, 0.0784,
0.0060

131.0946, 0.2503,
0.2034

 0.0000, 0.0255,
0.0000

164.5767, 0.2547,

 0.0000, 0.0000,

0.2108

0.0000

203.3233, 0.2586,
0.2174

■ 19.2306, 0.2017,
0.1323

■ 19.2306, 0.2017,
0.1323

■ 13.9672, 0.1837,
0.1037

■ 26.3679, 0.2215,
0.1653

■ 10.4044, 0.1690,
0.0817

■ 35.5413, 0.2418,
0.2000

■ 8.3253, 0.1585,
0.0677

■ 46.8889, 0.2613,
0.2344

■ 7.5070, 0.1535,
0.0619

■ 60.5381, 0.2793,
0.2669

■ 76.6064, 0.2955,
0.2966

95.2035, 0.3096,
0.3232

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



19.2306, 0.1205, 0.1214



19.2306, 0.2017, 0.1323



19.2306, 0.3470, 0.1737

Triad

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



19.2306, 0.2017, 0.1323



19.2306, 0.5823, 0.4077



19.2306, 0.1209, 0.3974

Complementary

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



19.2306, 0.2017, 0.1323



90.1685, 0.3868, 0.4816

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.



19.2306, 0.2163, 0.6119



19.2306, 0.2017, 0.1323



19.2306, 0.4763, 0.5237

Square

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



19.2306, 0.2017, 0.1323



19.2306, 0.6156, 0.3189



19.2306, 0.3428, 0.6320



19.2306, 0.0827, 0.2205

Rectangle

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



19.2306, 0.2017, 0.1323



19.2306, 0.4675, 0.2169



19.2306, 0.3428, 0.6320



19.2306, 0.1465, 0.4768

Sweetspot

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



19.2286, 0.2017, 0.1323



65.6826, 0.2850, 0.2772



69.9508, 0.2322, 0.3065



13.1213, 0.2802, 0.2685



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.



19.2286, 0.2017, 0.1323



12.8749, 0.1795, 0.0972



27.0495, 0.2632, 0.1600



17.4826, 0.2997, 0.3045



3.9553, 0.1543, 0.0624



0.4169, 0.1618, 0.0665

Inverse Universe

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



35.6628, 0.3380, 0.1991



30.7224, 0.3439, 0.1834



79.5234, 0.3340, 0.5132



18.2605, 0.3157, 0.3084



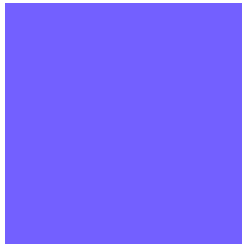
13.9437, 0.3539, 0.1723



1.3678, 0.3496, 0.1700

Previews

White Background



This preview shows how the Yxy color 19.2306, 0.2017, 0.1323 looks on a white background.

Color Contrast Check

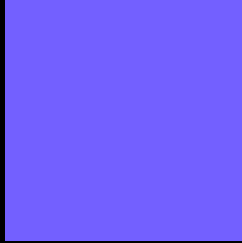
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2306, 0.2017, 0.1323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

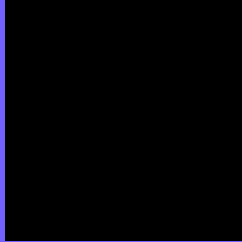
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2306, 0.2017, 0.1323

Background



This preview shows how black text looks on a background with the Yxy color 19.2306, 0.2017, 0.1323.



This preview shows how white text looks on a background with the Yxy color 19.2306, 0.2017, 0.1323.

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

19.2306, 0.2017, 0.1323

Protanopia

19.2062, 0.1735, 0.1447

Deuteranopia

19.2194, 0.1846, 0.1847



Tritanopia

19.0498, 0.2480, 0.3066

Trichromacy



Original Color

19.2306, 0.2017, 0.1323

Protanomaly

18.3316, 0.1757, 0.1360

Deuteranomaly

18.1283, 0.1826, 0.1578

Tritanomaly

18.2238, 0.2255, 0.2171

Monochromacy



Original Color

19.2306, 0.2017, 0.1323

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0850, 0.2593, 0.2308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2306, 0.2017, 0.1323 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(115, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 96, 255)  
}
```

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(115, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 96, 255) }
```

Border

The CSS property to change the border of an element to Yxy 19.2306, 0.2017, 0.1323 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(115, 96, 255) }
```

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

```
.border{ border-color:rgb(115, 96, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 96, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 96,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2306, 0.2017, 0.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 96, 255) }
```

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

```
.background{ background-color: rgb(115, 96,  
255) }
```

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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