

Converting Colors

$Yxy(31.3387, 0.1997, 0.1925)$

Have a look what the booklet for
Yxy(31.3387, 0.1997, 0.1925)
contains.

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Color

Yxy(31.3387, 0.1997, 0.1925)

Conversions

Conversions Part 1

Format	Color
Hex	4F98FF
RGB	79, 152, 255
RGB Percent	31%, 60%, 100%
CMY	0.6897, 0.4040, 0.0000
CMYK	0.69, 0.40, 0.00, 0.00
HSL	215°, 100%, 66%
HSV	215°, 69%, 100%
XYZ	32.5108, 31.3387, 98.9489
YIQ	141.9150, -76.5710, 16.5570

Conversions

Conversions Part 2

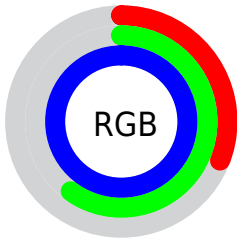
Format	Color
R_{YB}	79, 131, 255
Decimal	5216511
CIE _{Lab}	62.79, 10.05, -57.87
CIE _{LCh}	63, 58.740, 279.855
Yxy	31.3387, 0.1997, 0.1925
Android (android.graphics.Color)	4283406591 (0xFF4F98FF)
YUV	141.9150, 55.7509, -55.1765
Hunter-Lab	55.9810, 5.6968, -65.6111

Details

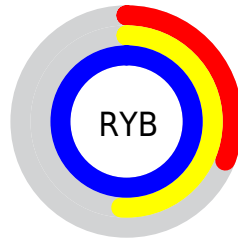
The Yxy color **31.3387, 0.1997, 0.1925** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **55.3418, 0.4580, 0.4266**, and the grayscale version is **26.8255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3824, 0.2442, 0.2705**, and **13.5800, 0.1784, 0.1621** is the 20% darker color. If you saturate the color by 10%, you get **25.8990, 0.1869, 0.1698**, and if you desaturate by 10%, it is **37.8093, 0.2146, 0.2156**.

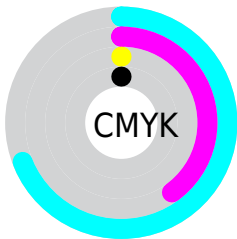
Distribution



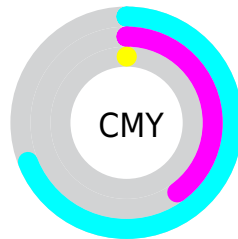
- Red (31%)
- Green (60%)
- Blue (100%)



- Red (31%)
- Yellow (51%)
- Blue (100%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (69%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3387, 0.1997, 0.1925 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 31.3387, 0.1997, 0.1925 by changing the saturation by 10% instead.


 31.3387, 0.1997,
0.1925


 31.3387, 0.1997,
0.1925


308.0957, 0.2561,
0.2586

 20.8569, 0.1863,
0.1774


 61.7729, 0.2198,
0.2156

 13.0194, 0.1698,
0.1590


 82.4941, 0.2275,
0.2246

 7.4419, 0.1492,
0.1364


 107.3973, 0.2341,
0.2323

 3.7400, 0.1231,
0.1087

 136.8667, 0.2397,
0.2390

 1.5292, 0.0905,
0.0754

171.2869, 0.2446,
0.2448

 0.3091, 0.0496,
0.0285

211.0422, 0.2489,

 0.0000, 0.0000,

0.2500

0.0000

256.5170, 0.2528,
0.2545

■ 31.3387, 0.1997,
0.1925

■ 31.3387, 0.1997,
0.1925

■ 25.8990, 0.1869,
0.1698

■ 37.8093, 0.2146,
0.2156

■ 21.4151, 0.1767,
0.1484

■ 45.3736, 0.2310,
0.2383

■ 17.7888, 0.1693,
0.1289

■ 54.0900, 0.2481,
0.2600

■ 17.4529, 0.1686,
0.1270

■ 64.0118, 0.2654,
0.2803

■ 75.1883, 0.2824,
0.2988

87.6661, 0.2988,
0.3155

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.



31.3387, 0.1641, 0.2076



31.3387, 0.1997, 0.1925



31.3387, 0.2672, 0.2051

Triad

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



31.3387, 0.1997, 0.1925



31.3387, 0.4947, 0.3581



31.3387, 0.2505, 0.4485

Complementary

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



31.3387, 0.1997, 0.1925



55.3418, 0.4580, 0.4266

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.



31.3387, 0.3353, 0.5018



31.3387, 0.1997, 0.1925



31.3387, 0.4793, 0.4239

Square

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



31.3387, 0.1997, 0.1925



31.3387, 0.4497, 0.2951



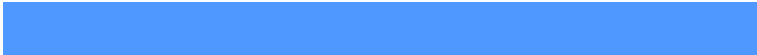
31.3387, 0.4187, 0.4821



31.3387, 0.1877, 0.3458

Rectangle

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



31.3387, 0.1997, 0.1925



31.3387, 0.3276, 0.2269



31.3387, 0.4187, 0.4821



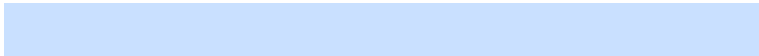
31.3387, 0.2775, 0.4746

Sweetspot

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



31.3392, 0.1997, 0.1925



72.8143, 0.2790, 0.2952



76.5537, 0.2629, 0.4245



14.9128, 0.2743, 0.2902



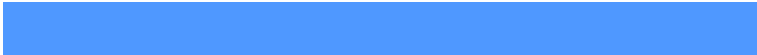
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3392, 0.1997, 0.1925



23.9809, 0.1825, 0.1610



15.1990, 0.1860, 0.1111



18.6139, 0.2979, 0.3147



9.3972, 0.1695, 0.1301



1.1243, 0.1756, 0.1523

Inverse Universe

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



29.1371, 0.4456, 0.2612



24.6527, 0.4882, 0.2604



90.6720, 0.3959, 0.4902



18.1119, 0.3229, 0.3192



11.6766, 0.5326, 0.2707



1.1580, 0.5030, 0.2544

Previews

White Background



This preview shows how the Yxy color 31.3387, 0.1997, 0.1925 looks on a white background.

Color Contrast Check

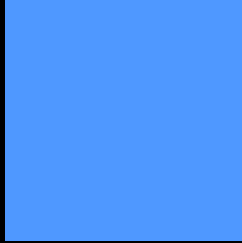
Large Text (above 18pt) WCAG AA × Fail

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 31.3387, 0.1997, 0.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

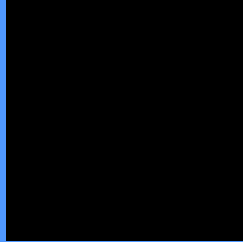
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

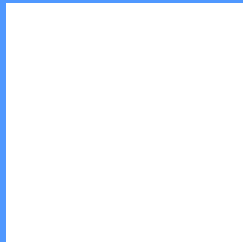
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.3387, 0.1997, 0.1925

Background



This preview shows how black text looks on a background with the Yxy color 31.3387, 0.1997, 0.1925.



This preview shows how white text looks on a background with the Yxy color 31.3387, 0.1997, 0.1925.

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

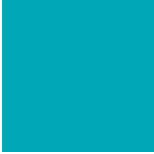
31.3387, 0.1997, 0.1925

Protanopia

31.3330, 0.2123, 0.1946

Deuteranopia

31.2543, 0.1990, 0.1923



Tritanopia

31.3415, 0.2185, 0.3065

Trichromacy



Original Color

31.3387, 0.1997, 0.1925

Protanomaly

31.1198, 0.2074, 0.1935

Deuteranomaly

31.2962, 0.1993, 0.1924

Tritanomaly

30.6559, 0.2072, 0.2560

Monochromacy



Original Color

31.3387, 0.1997, 0.1925

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.8986, 0.2563, 0.2705

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3387, 0.1997, 0.1925 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(79, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 152, 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(79, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 152, 255) }
```

Border

The CSS property to change the border of an element to Yxy 31.3387, 0.1997, 0.1925 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(79, 152, 255) }
```

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

```
.border{ border-color:rgb(79, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 152,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3387, 0.1997, 0.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 152, 255) }
```

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

```
.background{ background-color: rgb(79, 152,  
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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