

Converting Colors

$Yxy(29.4755, 0.1979, 0.1945)$

Have a look what the booklet for
Yxy(29.4755, 0.1979, 0.1945)
contains.

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Color

Yxy(29.4755, 0.1979, 0.1945)

Conversions

Conversions Part 1

Format	Color
Hex	4595F7
RGB	69, 149, 247
RGB Percent	27%, 58%, 97%
CMY	0.7290, 0.4157, 0.0315
CMYK	0.72, 0.40, 0.00, 0.03
HSL	213°, 92%, 62%
HSV	213°, 72%, 97%
XYZ	29.9908, 29.4755, 92.0787
YIQ	136.2520, -79.1380, 13.5180

Conversions

Conversions Part 2

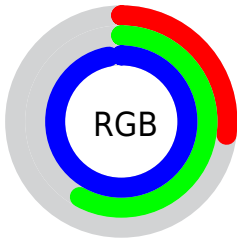
Format	Color
R _{YB}	69, 124, 247
Decimal	4560375
CIE Lab	61.20, 7.64, -56.03
CIE LCh	61, 56.548, 277.768
Yxy	29.4755, 0.1979, 0.1945
Android (android.graphics.Color)	4282750455 (0xFF4595F7)
YUV	136.2520, 54.5988, -58.9800
Hunter-Lab	54.2913, 3.5943, -62.5526

Details

The Yxy color **29.4755, 0.1979, 0.1945** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **47.8620, 0.4705, 0.4228**, and the grayscale version is **24.5432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2502, 0.2395, 0.2661**, and **12.6414, 0.1791, 0.1645** is the 20% darker color. If you saturate the color by 10%, you get **24.6962, 0.1863, 0.1732**, and if you desaturate by 10%, it is **35.1351, 0.2118, 0.2162**.

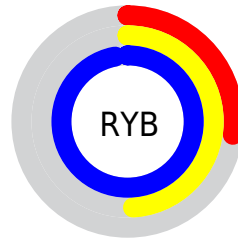
Distribution



Red (27%)

Green (58%)

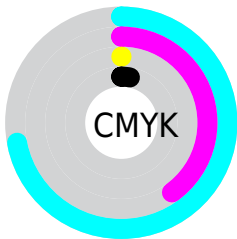
Blue (97%)



Red (27%)

Yellow (49%)

Blue (97%)

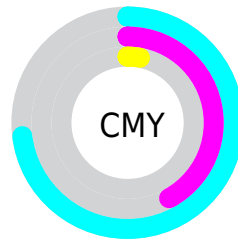


Cyan (72%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (73%)


Magenta (42%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4755, 0.1979, 0.1945 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 29.4755, 0.1979, 0.1945 by changing the saturation by 10% instead.


 29.4755, 0.1979,
0.1945


 29.4755, 0.1979,
0.1945


299.4519, 0.2557,
0.2607


 19.4408, 0.1841,
0.1791


 58.8317, 0.2186,
0.2179

 11.9892, 0.1669,
0.1602


 78.9220, 0.2265,
0.2269

 6.7363, 0.1454,
0.1369


 103.1330, 0.2332,
0.2346

 3.2978, 0.1181,
0.1081

 131.8491, 0.2390,
0.2412

 1.2891, 0.0841,
0.0732

165.4546, 0.2440,
0.2470

 0.1327, 0.0347,
0.0147

204.3340, 0.2484,

 0.0000, 0.0000,

0.2521

0.0000

248.8717, 0.2523,
0.2567

■ 29.4755, 0.1979,
0.1945

■ 29.4755, 0.1979,
0.1945

■ 24.6962, 0.1863,
0.1732

■ 35.1351, 0.2118,
0.2162

■ 20.7271, 0.1772,
0.1530

■ 41.7301, 0.2272,
0.2377

■ 18.0691, 0.1717,
0.1381

■ 49.3131, 0.2437,
0.2584

■ 57.9313, 0.2606,
0.2777

■ 67.6283, 0.2775,
0.2956

■ 78.4448, 0.2939,
0.3118

■ 90.4194, 0.3096,
0.3263

■ 99.4935, 0.3174,
0.3367

Harmonies

Analogous

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



29.4755, 0.1648, 0.2117



29.4755, 0.1979, 0.1945



29.4755, 0.2624, 0.2051

Triad

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



29.4755, 0.1979, 0.1945



29.4755, 0.4905, 0.3536



29.4755, 0.2571, 0.4520

Complementary

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



29.4755, 0.1979, 0.1945



47.8620, 0.4705, 0.4228

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.



29.4755, 0.3413, 0.4994



29.4755, 0.1979, 0.1945



29.4755, 0.4796, 0.4186

Square

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



29.4755, 0.1979, 0.1945



29.4755, 0.4423, 0.2917



29.4755, 0.4226, 0.4767



29.4755, 0.1929, 0.3529

Rectangle

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



29.4755, 0.1979, 0.1945



29.4755, 0.3209, 0.2257



29.4755, 0.4226, 0.4767



29.4755, 0.2841, 0.4761

Sweetspot

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



29.4764, 0.1979, 0.1945



72.7137, 0.2775, 0.2956



70.5587, 0.2649, 0.4379



14.9324, 0.2729, 0.2909



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.



29.4764, 0.1979, 0.1945



24.6980, 0.1822, 0.1647



12.6010, 0.1780, 0.1017



17.1525, 0.2980, 0.3156



9.8332, 0.1726, 0.1412



1.0663, 0.1792, 0.1651

Inverse Universe

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



26.2066, 0.4449, 0.2540



24.2308, 0.4846, 0.2543



85.1238, 0.4021, 0.4916



16.6063, 0.3223, 0.3184



11.0920, 0.5175, 0.2625



0.9953, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 29.4755, 0.1979, 0.1945 looks on a white background.

Color Contrast Check

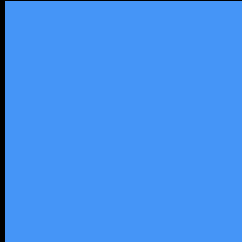
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4755, 0.1979, 0.1945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

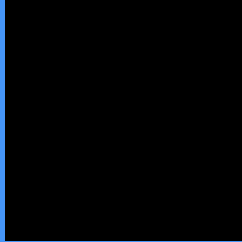
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

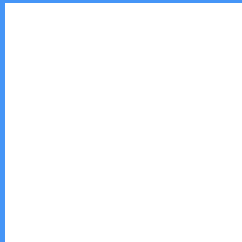
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4755, 0.1979, 0.1945

Background



This preview shows how black text looks on a background with the Yxy color 29.4755, 0.1979, 0.1945.



This preview shows how white text looks on a background with the Yxy color 29.4755, 0.1979, 0.1945.

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

29.4755, 0.1979, 0.1945

Protanopia

29.1815, 0.2141, 0.1958

Deuteranopia

29.4317, 0.1999, 0.1938



Tritanopia

29.3290, 0.2183, 0.3058

Trichromacy



Original Color

29.4755, 0.1979, 0.1945

Protanomaly

29.1096, 0.2069, 0.1945

Deuteranomaly

29.3117, 0.1988, 0.1935

Tritanomaly

28.9247, 0.2071, 0.2572

Monochromacy



Original Color

29.4755, 0.1979, 0.1945

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.6291, 0.2546, 0.2714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4755, 0.1979, 0.1945 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(69, 149, 247)` looks like.

```
.text, #text, p{  
    color:rgb(69, 149, 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(69, 149, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 149, 247) }
```

Border

The CSS property to change the border of an element to Yxy 29.4755, 0.1979, 0.1945 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(69, 149, 247) }
```

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

```
.border{ border-color:rgb(69, 149, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 149, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 149, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 149, 247);  
box-shadow:4px 4px 4px 4px rgb(69, 149,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4755, 0.1979, 0.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 149, 247) }
```

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

```
.background{ background-color: rgb(69, 149,  
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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