

Converting Colors

$Yxy(25.4751, 0.1811, 0.1718)$

Have a look what the booklet for
Yxy(25.4751, 0.1811, 0.1718)
contains.

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Color

Yxy(25.5000, 0.1813, 0.1724)

Conversions

Conversions Part 1

Format	Color
Hex	018BFC
RGB	1, 139, 252
RGB Percent	0%, 55%, 99%
CMY	0.9950, 0.4549, 0.0118
CMYK	0.99, 0.45, 0.00, 0.01
HSL	207°, 99%, 50%
HSV	207°, 99%, 99%
XYZ	26.8164, 25.5000, 95.5954
YIQ	110.6200, -118.5210, 5.8870

Conversions

Conversions Part 2

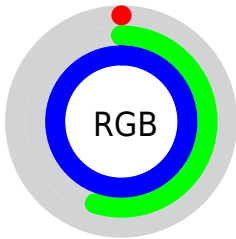
Format	Color
R_{YB}	1, 90, 252
Decimal	101372
CIE _{Lab}	57.56, 10.87, -64.68
CIE _{LCh}	58, 65.590, 279.540
Yxy	25.5000, 0.1813, 0.1724
Android (android.graphics.Color)	4278291452 (0xFF018BFC)
YUV	110.6200, 69.7003, -96.1367
Hunter-Lab	50.4975, 6.4207, -76.8919

Details

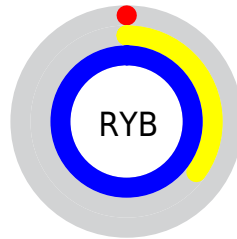
The Yxy color **25.5000, 0.1813, 0.1724** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **32.7921, 0.5571, 0.3955**, and the grayscale version is **15.6263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2988, 0.2247, 0.2497**, and **11.2525, 0.1735, 0.1445** is the 20% darker color. If you saturate the color by 10%, you get **25.3261, 0.1810, 0.1716**, and if you desaturate by 10%, it is **29.1799, 0.1877, 0.1891**.

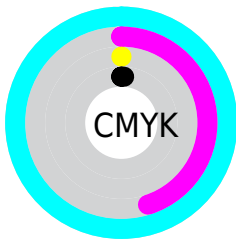
Distribution



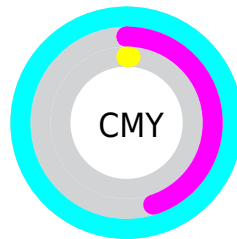
- Red (0%)
- Green (55%)
- Blue (99%)



- Red (0%)
- Yellow (35%)
- Blue (99%)



- Cyan (99%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)




- Cyan (100%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5000, 0.1813, 0.1724 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 25.5000, 0.1813, 0.1724 by changing the saturation by 10% instead.


 25.5000, 0.1813,
0.1724


 25.5000, 0.1813,
0.1724


280.3189, 0.2477,
0.2489


 16.4500, 0.1657,
0.1551

 52.4672, 0.2049,
0.1991


 9.8431, 0.1466,
0.1343


 71.1532, 0.2140,
0.2095


 5.2951, 0.1230,
0.1093


 93.8199, 0.2217,
0.2184

 2.4214, 0.0943,
0.0798

 120.8518, 0.2284,
0.2261

 0.8369, 0.0607,
0.0470

 152.6333, 0.2342,
0.2329

 0.0000, 0.0009,
0.0000

189.5487, 0.2392,

 0.0000, 0.0000,

0.2389

0.0000

231.9824, 0.2437,
0.2442

■ 25.5000, 0.1813,
0.1724

■ 25.5000, 0.1813,
0.1724

■ 25.3261, 0.1810,
0.1716

■ 29.1799, 0.1877,
0.1891

■ 33.4885, 0.1963,
0.2065

■ 38.5138, 0.2072,
0.2243

■ 44.3149, 0.2200,
0.2420

■ 50.9425, 0.2344,
0.2593

■ 58.4419, 0.2498,
0.2757

■ 66.8543, 0.2658,
0.2911

■ 76.2178, 0.2820,
0.3052

■ 86.5678, 0.2980,
0.3180

Harmonies

Analogous

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



25.5000, 0.1426, 0.1879



25.5000, 0.1813, 0.1724



25.5000, 0.2571, 0.1866

Triad

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



25.5000, 0.1813, 0.1724



25.5000, 0.5273, 0.3558



25.5000, 0.2375, 0.4769

Complementary

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



25.5000, 0.1813, 0.1724



32.7921, 0.5571, 0.3955

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.



25.5000, 0.3348, 0.5380



25.5000, 0.1813, 0.1724



25.5000, 0.5049, 0.4308

Square

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



25.5000, 0.1813, 0.1724



25.5000, 0.4752, 0.2864



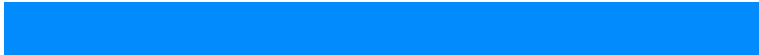
25.5000, 0.4314, 0.5040



25.5000, 0.1669, 0.3481

Rectangle

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



25.5000, 0.1813, 0.1724



25.5000, 0.3278, 0.2108



25.5000, 0.4314, 0.5040



25.5000, 0.2684, 0.5090

Sweetspot

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



25.5007, 0.1813, 0.1724



68.2054, 0.2650, 0.2903



70.8401, 0.2777, 0.5196



13.7979, 0.2582, 0.2839



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.



25.5007, 0.1813, 0.1724



25.9983, 0.1810, 0.1715



7.3450, 0.1508, 0.0624



18.2237, 0.2980, 0.3180



13.4926, 0.1818, 0.1743



1.4614, 0.1873, 0.1943

Inverse Universe

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



22.5854, 0.4777, 0.2407



23.1557, 0.4788, 0.2412



82.6960, 0.4284, 0.4979



17.3848, 0.3207, 0.3160



11.7730, 0.4754, 0.2392



1.1118, 0.4518, 0.2262

Previews

White Background



This preview shows how the Yxy color 25.5000, 0.1813, 0.1724 looks on a white background.

Color Contrast Check

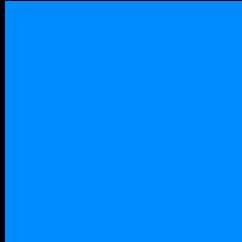
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5000, 0.1813, 0.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

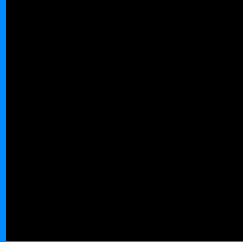
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

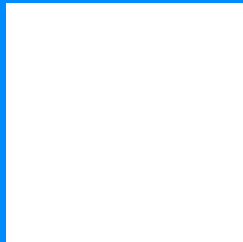
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5000, 0.1813, 0.1724

Background



This preview shows how black text looks on a background with the Yxy color 25.5000, 0.1813, 0.1724.



This preview shows how white text looks on a background with the Yxy color 25.5000, 0.1813, 0.1724.

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

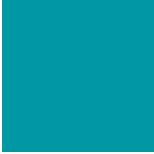
25.5000, 0.1813, 0.1724

Protanopia

25.6046, 0.1979, 0.1755

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.4268, 0.2194, 0.3099

Trichromacy



Original Color

25.5000, 0.1813, 0.1724

Protanomaly

25.2048, 0.1880, 0.1731

Deuteranomaly

25.5957, 0.1823, 0.1762

Tritanomaly

25.1199, 0.2025, 0.2488

Monochromacy



Original Color

25.5000, 0.1813, 0.1724

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.6230, 0.2269, 0.2506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5000, 0.1813, 0.1724 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(1, 139, 252)` looks like.

```
.text, #text, p{  
  color:rgb(1, 139, 252)  
}
```

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(1, 139, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 139, 252) }
```

Border

The CSS property to change the border of an element to Yxy 25.5000, 0.1813, 0.1724 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(1, 139, 252) }
```

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

```
.border{ border-color:rgb(1, 139, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 139, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 139, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 139, 252);  
box-shadow:4px 4px 4px 4px rgb(1, 139,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5000, 0.1813, 0.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 139, 252) }
```

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

```
.background{ background-color: rgb(1, 139,  
252) }
```

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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