

Converting Colors

$Yxy(18.3185, 0.1362, 0.1379)$

Have a look what the booklet for
Yxy(18.3185, 0.1362, 0.1379)
contains.

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Color

Yxy(22.0775, 0.1759, 0.1532)

Conversions

Conversions Part 1

Format	Color
Hex	007EFE
RGB	0, 126, 254
RGB Percent	0%, 49%, 100%
CMY	0.9998, 0.5059, 0.0040
CMYK	1.00, 0.50, 0.00, 0.00
HSL	210°, 100%, 50%
HSV	210°, 100%, 100%
XYZ	25.3488, 22.0775, 96.6827
YIQ	102.9180, -116.1840, 13.0960

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 84, 254
Decimal	32510
CIE Lab	54.11, 19.65, -71.35
CIE LCh	54, 74.010, 285.395
Yxy	22.0775, 0.1759, 0.1532
Android (android.graphics.Color)	4278222590 (0xFF007EFE)
YUV	102.9180, 74.4834, -90.2591
Hunter-Lab	46.9867, 14.0719, -89.1081

Details

The Yxy color **22.0775, 0.1759, 0.1532** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **36.5187, 0.5423, 0.4076**, and the grayscale version is **13.3688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5055, 0.2211, 0.2312**, and **9.4343, 0.1681, 0.1250** is the 20% darker color. If you saturate the color by 10%, you get **22.0705, 0.1759, 0.1532**, and if you desaturate by 10%, it is **25.7764, 0.1827, 0.1712**.

Distribution



- Red (0%)
- Green (49%)
- Blue (100%)



- Red (0%)
- Yellow (33%)
- Blue (100%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)




- Cyan (100%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0775, 0.1759, 0.1532 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 22.0775, 0.1759, 0.1532 by changing the saturation by 10% instead.

 22.0775, 0.1759,
0.1532


 22.0775, 0.1759,
0.1532


262.9507, 0.2459,
0.2379


 13.9139, 0.1594,
0.1347


 46.8741, 0.2009,
0.1823


 8.0608, 0.1393,
0.1128


 64.2758, 0.2105,
0.1938


 4.1339, 0.1147,
0.0874

 85.5256, 0.2187,
0.2037

 1.7487, 0.0852,
0.0587

 111.0080, 0.2257,
0.2123

 0.4549, 0.0520,
0.0259

 141.1073, 0.2318,
0.2199

 0.0000, 0.0000,
0.0000

176.2079, 0.2371,

0.2266

216.6943, 0.2418,
0.2325

■ 22.0775, 0.1759,
0.1532

■ 22.0775, 0.1759,
0.1532

■ 22.0705, 0.1759,
0.1532

■ 25.7764, 0.1827,
0.1712

■ 30.1841, 0.1918,
0.1903

■ 35.3992, 0.2033,
0.2102

■ 41.4867, 0.2168,
0.2301

■ 48.5028, 0.2319,
0.2496

■ 56.4974, 0.2480,
0.2682

■ 65.5165, 0.2645,
0.2856

■ 75.6023, 0.2810,
0.3016

■ 86.7944, 0.2972,
0.3161

Harmonies

Analogous

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



22.0775, 0.1270, 0.1618



22.0775, 0.1759, 0.1532



22.0775, 0.2690, 0.1747

Triad

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



22.0775, 0.1759, 0.1532



22.0775, 0.5614, 0.3669



22.0775, 0.2029, 0.4806

Complementary

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



22.0775, 0.1759, 0.1532



36.5187, 0.5423, 0.4076

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.



22.0775, 0.3080, 0.5758



22.0775, 0.1759, 0.1532



22.0775, 0.5145, 0.4522

Square

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



22.0775, 0.1759, 0.1532



22.0775, 0.5227, 0.2911



22.0775, 0.4195, 0.5400



22.0775, 0.1352, 0.3190

Rectangle

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



22.0775, 0.1759, 0.1532



22.0775, 0.3553, 0.2045



22.0775, 0.4195, 0.5400



22.0775, 0.2354, 0.5272

Sweetspot

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



22.0781, 0.1759, 0.1532



66.0832, 0.2644, 0.2856



72.4109, 0.2733, 0.5040



13.2957, 0.2574, 0.2784



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.



22.0781, 0.1759, 0.1532



22.2637, 0.1759, 0.1531



7.1567, 0.1500, 0.0600



18.8660, 0.2979, 0.3167



11.9313, 0.1767, 0.1560



1.3799, 0.1824, 0.1767

Inverse Universe

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



22.5767, 0.5018, 0.2538



22.7787, 0.5019, 0.2538



91.9467, 0.4193, 0.5053



18.1373, 0.3216, 0.3173



11.9324, 0.4981, 0.2518



1.1839, 0.4725, 0.2376

Previews

White Background



This preview shows how the Yxy color 22.0775, 0.1759, 0.1532 looks on a white background.

Color Contrast Check

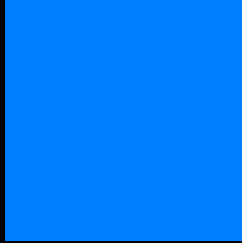
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0775, 0.1759, 0.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

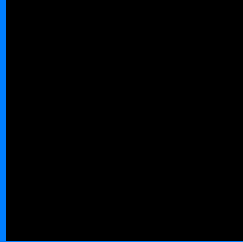
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

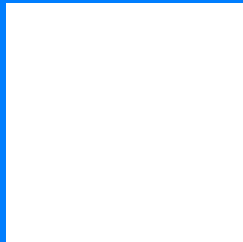
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.0775, 0.1759, 0.1532

Background



This preview shows how black text looks on a background with the Yxy color 22.0775, 0.1759, 0.1532.



This preview shows how white text looks on a background with the Yxy color 22.0775, 0.1759, 0.1532.

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

22.0775, 0.1759, 0.1532

Protanopia

22.0965, 0.1820, 0.1544

Deuteranopia

21.8340, 0.1837, 0.1813



Tritanopia

21.9119, 0.2197, 0.3107

Trichromacy



Original Color

22.0775, 0.1759, 0.1532

Protanomaly

22.0504, 0.1786, 0.1536

Deuteranomaly

21.8149, 0.1807, 0.1703

Tritanomaly

21.5654, 0.1991, 0.2369

Monochromacy



Original Color

22.0775, 0.1759, 0.1532

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.9958, 0.2218, 0.2358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0775, 0.1759, 0.1532 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(0, 126, 254)` looks like.

```
.text, #text, p{  
  color:rgb(0, 126, 254)  
}
```

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(0, 126, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 254) }
```

Border

The CSS property to change the border of an element to Yxy 22.0775, 0.1759, 0.1532 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(0, 126, 254) }
```

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

```
.border{ border-color:rgb(0, 126, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 126, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0775, 0.1759, 0.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 254) }
```

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

```
.background{ background-color: rgb(0, 126,  
254) }
```

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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