

Converting Colors

$Yxy(19.1163, 0.1813, 0.1725)$

Have a look what the booklet for
Yxy(19.1163, 0.1813, 0.1725)
contains.

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Color

Yxy(19.1994, 0.1814, 0.1728)

Conversions

Conversions Part 1

Format	Color
Hex	017ADE
RGB	1, 122, 222
RGB Percent	0%, 48%, 87%
CMY	0.9968, 0.5215, 0.1294
CMYK	1.00, 0.45, 0.00, 0.13
HSL	207°, 99%, 44%
HSV	207°, 100%, 87%
XYZ	20.1549, 19.1994, 71.7533
YIQ	97.2210, -104.2160, 5.4480

Conversions

Conversions Part 2

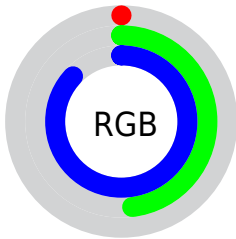
Format	Color
R_{YB}	1, 79, 222
Decimal	96990
CIE Lab	50.92, 9.71, -58.66
CIE LCh	51, 59.463, 279.402
Yxy	19.1994, 0.1814, 0.1728
Android (android.graphics.Color)	4278287070 (0xFF017ADE)
YUV	97.2210, 61.5160, -84.3858
Hunter-Lab	43.8171, 5.4262, -66.4192

Details

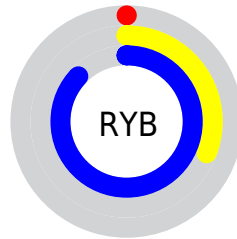
The Yxy color **19.1994, 0.1814, 0.1728** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **24.8018, 0.5558, 0.3965**, and the grayscale version is **11.8627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4352, 0.2165, 0.2250**, and **7.6507, 0.1727, 0.1416** is the 20% darker color. If you saturate the color by 10%, you get **19.1052, 0.1812, 0.1722**, and if you desaturate by 10%, it is **21.9705, 0.1879, 0.1895**.

Distribution



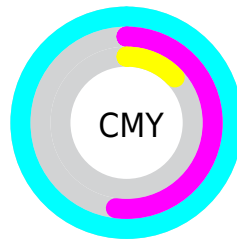
- Red (0%)
- Green (48%)
- Blue (87%)



- Red (0%)
- Yellow (31%)
- Blue (87%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1994, 0.1814, 0.1728 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 19.1994, 0.1814, 0.1728 by changing the saturation by 10% instead.

■ 19.1994, 0.1814,
0.1728

■ 19.1994, 0.1814,
0.1728

■ 247.5474, 0.2509,
0.2529

■ 11.8144, 0.1641,
0.1536

■ 42.0708, 0.2069,
0.2016

■ 6.6175, 0.1424,
0.1301

■ 58.3260, 0.2165,
0.2126

■ 3.2240, 0.1151,
0.1014

■ 78.3067, 0.2246,
0.2219

■ 1.2498, 0.0815,
0.0674

■ 102.3974, 0.2314,
0.2299

■ 0.1018, 0.0346,
0.0105

■ 130.9824, 0.2373,
0.2368

■ 0.0000, 0.0000,
0.0000

164.4461, 0.2424,

0.2429

203.1730, 0.2469,
0.2482

■ 19.1994, 0.1814,
0.1728

■ 19.1994, 0.1814,
0.1728

■ 19.1052, 0.1812,
0.1722

■ 21.9705, 0.1879,
0.1895

■ 25.2063, 0.1966,
0.2068

■ 28.9758, 0.2075,
0.2245

■ 33.3224, 0.2203,
0.2422

■ 38.2831, 0.2346,
0.2594

■ 43.8912, 0.2500,
0.2758

■ 50.1770, 0.2659,
0.2911

■ 57.1684, 0.2820,
0.3051

■ 64.8917, 0.2978,
0.3179

Harmonies

Analogous

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



19.1994, 0.1429, 0.1885



19.1994, 0.1814, 0.1728



19.1994, 0.2569, 0.1869

Triad

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



19.1994, 0.1814, 0.1728



19.1994, 0.5265, 0.3555



19.1994, 0.2382, 0.4769

Complementary

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



19.1994, 0.1814, 0.1728



24.8018, 0.5558, 0.3965

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.



19.1994, 0.3353, 0.5373



19.1994, 0.1814, 0.1728



19.1994, 0.5047, 0.4304

Square

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



19.1994, 0.1814, 0.1728



19.1994, 0.4742, 0.2863



19.1994, 0.4316, 0.5033



19.1994, 0.1675, 0.3487

Rectangle

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



19.1994, 0.1814, 0.1728



19.1994, 0.3272, 0.2109



19.1994, 0.4316, 0.5033



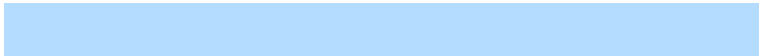
19.1994, 0.2691, 0.5086

Sweetspot

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



19.1999, 0.1814, 0.1728



68.1492, 0.2650, 0.2902



53.1768, 0.2775, 0.5186



13.7846, 0.2582, 0.2838



0.0000, 0.0000, 0.0000



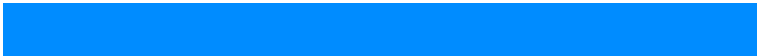
21.4041, 0.3127, 0.3290

Same Dimension

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



19.1999, 0.1814, 0.1728



25.8944, 0.1808, 0.1710



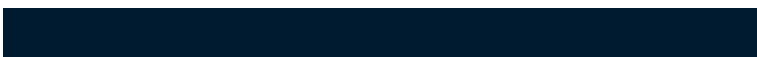
5.5391, 0.1508, 0.0627



14.4819, 0.2981, 0.3181



11.5728, 0.1819, 0.1746



0.9804, 0.1890, 0.2005

Inverse Universe

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



16.9531, 0.4772, 0.2404



23.1452, 0.4794, 0.2415



62.0929, 0.4283, 0.4980



13.8256, 0.3207, 0.3162



10.0763, 0.4750, 0.2390



0.7164, 0.4448, 0.2224

Previews

White Background



This preview shows how the Yxy color 19.1994, 0.1814, 0.1728 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 19.1994, 0.1814, 0.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

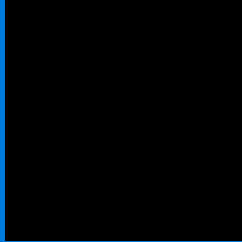
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

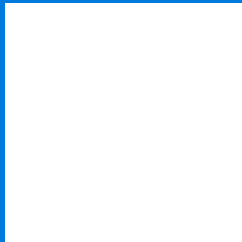
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.1994, 0.1814, 0.1728

Background



This preview shows how black text looks on a background with the Yxy color 19.1994, 0.1814, 0.1728.



This preview shows how white text looks on a background with the Yxy color 19.1994, 0.1814, 0.1728.

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

19.1994, 0.1814, 0.1728

Protanopia

19.1101, 0.1980, 0.1755

Deuteranopia

19.1757, 0.1831, 0.1791



Tritanopia

19.0334, 0.2194, 0.3097

Trichromacy



Original Color

19.1994, 0.1814, 0.1728

Protanomaly

18.8890, 0.1882, 0.1733

Deuteranomaly

19.2804, 0.1826, 0.1771

Tritanomaly

18.9438, 0.2024, 0.2485

Monochromacy



Original Color

19.1994, 0.1814, 0.1728

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

13.2852, 0.2276, 0.2515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1994, 0.1814, 0.1728 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, 122, 222)` looks like.

```
.text, #text, p{  
    color:rgb(1, 122, 222)  
}
```

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, 122, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 122, 222) }
```

Border

The CSS property to change the border of an element to Yxy 19.1994, 0.1814, 0.1728 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, 122, 222) }
```

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

```
.border{ border-color:rgb(1, 122, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 122, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 122, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 122, 222);  
box-shadow:4px 4px 4px 4px rgb(1, 122,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1994, 0.1814, 0.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 122, 222) }
```

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

```
.background{ background-color: rgb(1, 122,  
222) }
```

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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