

Converting Colors

$Y_{xy}(19.1385, 0.1832, 0.1525)$

Have a look what the booklet for
Yxy(19.1385, 0.1832, 0.1525)
contains.

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Color

Yxy(19.1914, 0.1834, 0.1528)

Conversions

Conversions Part 1

Format	Color
Hex	3573EE
RGB	53, 115, 238
RGB Percent	21%, 45%, 93%
CMY	0.7917, 0.5491, 0.0667
CMYK	0.78, 0.52, 0.00, 0.07
HSL	220°, 84%, 57%
HSV	220°, 78%, 93%
XYZ	23.0347, 19.1914, 83.3721
YIQ	110.4840, -76.4350, 25.1090

Conversions

Conversions Part 2

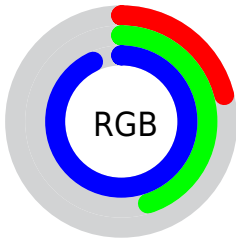
Format	Color
R_{YB}	53, 99, 238
Decimal	3503086
CIE _{Lab}	50.91, 23.33, -67.61
CIE _{LCh}	51, 71.520, 289.036
Yxy	19.1914, 0.1834, 0.1528
Android (android.graphics.Color)	4281693166 (0xFF3573EE)
YUV	110.4840, 62.8654, -50.4135
Hunter-Lab	43.8080, 17.1932, -82.1707

Details

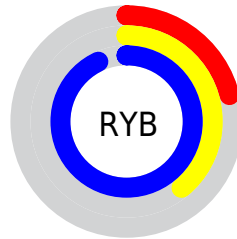
The Yxy color **19.1914, 0.1834, 0.1528** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **49.5337, 0.4626, 0.4454**, and the grayscale version is **15.5806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9281, 0.2248, 0.2172**, and **7.4704, 0.1666, 0.1196** is the 20% darker color. If you saturate the color by 10%, you get **15.3916, 0.1722, 0.1298**, and if you desaturate by 10%, it is **23.9326, 0.1974, 0.1778**.

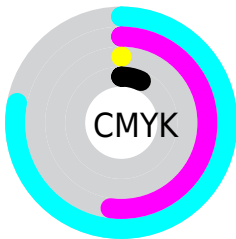
Distribution



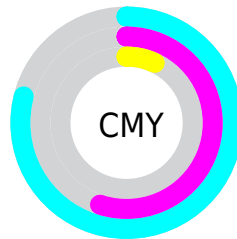
- Red (21%)
- Green (45%)
- Blue (93%)



- Red (21%)
- Yellow (39%)
- Blue (93%)



- Cyan (78%)
- Magenta (52%)
- Yellow (0%)
- Black (7%)





- Cyan (79%)
- Magenta (55%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1914, 0.1834, 0.1528 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 19.1914, 0.1834, 0.1528 by changing the saturation by 10% instead.


 19.1914, 0.1834,
0.1528


 19.1914, 0.1834,
0.1528


247.5034, 0.2518,
0.2393


 11.8087, 0.1665,
0.1334

 42.0573, 0.2084,
0.1829


 6.6135, 0.1456,
0.1104


 58.3092, 0.2178,
0.1947


 3.2216, 0.1196,
0.0834

 78.2863, 0.2258,
0.2048

 1.2485, 0.0876,
0.0532

 102.3730, 0.2325,
0.2136

 0.1008, 0.0508,
0.0077

 130.9536, 0.2384,
0.2213

 0.0000, 0.0000,
0.0000

164.4126, 0.2435,

0.2280

203.1344, 0.2479,
0.2340

■ 19.1914, 0.1834,
0.1528

■ 19.1914, 0.1834,
0.1528

■ 15.3916, 0.1722,
0.1298

■ 23.9326, 0.1974,
0.1778

■ 12.4438, 0.1642,
0.1098

■ 29.6848, 0.2136,
0.2036

■ 11.8578, 0.1627,
0.1056

■ 36.5116, 0.2311,
0.2292

■ 44.4701, 0.2492,
0.2536

■ 53.6131, 0.2671,
0.2765

■ 63.9897, 0.2845,
0.2973

■ 75.6461, 0.3009,
0.3161

■ 88.6260, 0.3162,
0.3327

■ 98.9525, 0.3226,
0.3454

Harmonies

Analogous

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



19.1914, 0.1294, 0.1574



19.1914, 0.1834, 0.1528



19.1914, 0.2830, 0.1779

Triad

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



19.1914, 0.1834, 0.1528



19.1914, 0.5620, 0.3763



19.1914, 0.1906, 0.4632

Complementary

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



19.1914, 0.1834, 0.1528



49.5337, 0.4626, 0.4454

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.



19.1914, 0.2936, 0.5754



19.1914, 0.1834, 0.1528



19.1914, 0.5061, 0.4637

Square

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



19.1914, 0.1834, 0.1528



19.1914, 0.5352, 0.2993



19.1914, 0.4066, 0.5509



19.1914, 0.1285, 0.3013

Rectangle

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



19.1914, 0.1834, 0.1528



19.1914, 0.3729, 0.2100



19.1914, 0.4066, 0.5509



19.1914, 0.2218, 0.5143

Sweetspot

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



19.1919, 0.1834, 0.1528



68.1028, 0.2752, 0.2863



64.9326, 0.2561, 0.4198



13.6602, 0.2688, 0.2786



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.



19.1919, 0.1834, 0.1528



15.9358, 0.1673, 0.1180



10.4729, 0.1787, 0.0932



16.0931, 0.2980, 0.3128



6.8288, 0.1634, 0.1083



0.7446, 0.1707, 0.1345

Inverse Universe

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



21.9707, 0.4956, 0.2747



22.5548, 0.5481, 0.2834



75.1423, 0.3914, 0.5082



15.8461, 0.3241, 0.3211



10.4827, 0.5635, 0.2878



0.8899, 0.5266, 0.2674

Previews

White Background



This preview shows how the Yxy color 19.1914, 0.1834, 0.1528 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 19.1914, 0.1834, 0.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

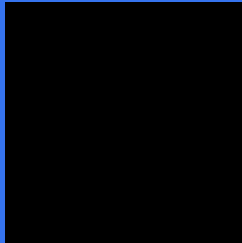
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1914, 0.1834, 0.1528

Background



This preview shows how black text looks on a background with the Yxy color 19.1914, 0.1834, 0.1528.



This preview shows how white text looks on a background with the Yxy color 19.1914, 0.1834, 0.1528.

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

19.1914, 0.1834, 0.1528

Protanopia

19.1541, 0.1799, 0.1520

Deuteranopia

19.0210, 0.1839, 0.1820



Tritanopia

19.0334, 0.2194, 0.3097

Trichromacy



Original Color

19.1914, 0.1834, 0.1528

Protanomaly

19.2583, 0.1810, 0.1525

Deuteranomaly

18.8991, 0.1819, 0.1694

Tritanomaly

18.5315, 0.2005, 0.2337

Monochromacy



Original Color

19.1914, 0.1834, 0.1528

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.1963, 0.2422, 0.2437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1914, 0.1834, 0.1528 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(53, 115, 238)` looks like.

```
.text, #text, p{  
    color:rgb(53, 115, 238)  
}
```

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(53, 115, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 115, 238) }
```

Border

The CSS property to change the border of an element to Yxy 19.1914, 0.1834, 0.1528 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(53, 115, 238) }
```

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

```
.border{ border-color:rgb(53, 115, 238) }
```

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

Here you see how a box with a 4 pixel rgb(53, 115, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 115, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 115, 238);  
box-shadow:4px 4px 4px 4px rgb(53, 115,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1914, 0.1834, 0.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 115, 238) }
```

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

```
.background{ background-color: rgb(53, 115,  
238) }
```

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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