

Converting Colors

$Yxy(15.3524, 0.1757, 0.1213)$

Have a look what the booklet for
Yxy(15.3524, 0.1757, 0.1213)
contains.

Yxy(15.3524, 0.1757, 0.1213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	29

Color

Yxy(15.3524, 0.1757, 0.1213)

Conversions

Conversions Part 1

Format	Color
Hex	395DF6
RGB	57, 93, 246
RGB Percent	22%, 36%, 96%
CMY	0.7762, 0.6353, 0.0353
CMYK	0.77, 0.62, 0.00, 0.04
HSL	229°, 91%, 59%
HSV	229°, 77%, 96%
XYZ	22.2376, 15.3524, 88.9756
YIQ	99.6780, -70.5690, 39.9510

Conversions

Conversions Part 2

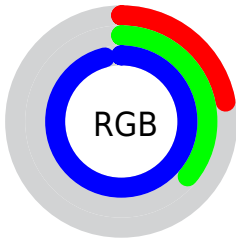
Format	Color
R _Y B	57, 87, 246
Decimal	3759606
CIE Lab	46.11, 40.37, -79.89
CIE LCh	46, 89.510, 296.807
Yxy	15.3524, 0.1757, 0.1213
Android (android.graphics.Color)	4281949686 (0xFF395DF6)
YUV	99.6780, 72.1367, -37.4286
Hunter-Lab	39.1821, 32.7378, -107.2094

Details

The Yxy color **15.3524, 0.1757, 0.1213** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **66.0127, 0.4378, 0.4676**, and the grayscale version is **12.4889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6902, 0.2220, 0.1890**, and **5.7447, 0.1583, 0.0897** is the 20% darker color. If you saturate the color by 10%, you get **11.7426, 0.1639, 0.0980**, and if you desaturate by 10%, it is **20.2234, 0.1911, 0.1488**.

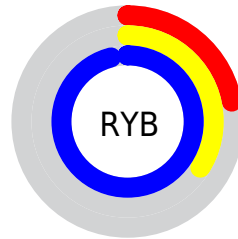
Distribution



Red (22%)

Green (36%)

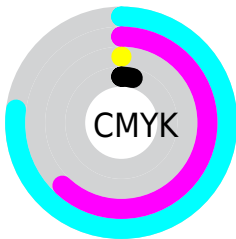
Blue (96%)



Red (22%)

Yellow (34%)

Blue (96%)

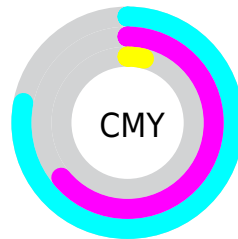


Cyan (77%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (78%)


Magenta (64%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3524, 0.1757, 0.1213 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 15.3524, 0.1757, 0.1213 by changing the saturation by 10% instead.


 15.3524, 0.1757,
0.1213


 15.3524, 0.1757,
0.1213


225.4894, 0.2496,
0.2195


 9.0671, 0.1576,
0.1010


 35.4702, 0.2027,
0.1543


 4.7850, 0.1354,
0.0780


 50.0715, 0.2129,
0.1676

 2.1217, 0.1082,
0.0528

 68.2136, 0.2215,
0.1791

 0.6768, 0.0761,
0.0271

 90.2808, 0.2289,
0.1893

 0.0000, 0.0397,
0.0000

116.6576, 0.2352,
0.1982

 0.0000, 0.0000,
0.0000

147.7284, 0.2406,

0.2062

183.8775, 0.2454,
0.2132

■ 15.3524, 0.1757,
0.1213

■ 15.3524, 0.1757,
0.1213

■ 11.7426, 0.1639,
0.0980

■ 20.2234, 0.1911,
0.1488

■ 9.2643, 0.1562,
0.0803

■ 26.4638, 0.2091,
0.1787

■ 8.6693, 0.1544,
0.0759

■ 34.1707, 0.2285,
0.2092

■ 43.4315, 0.2483,
0.2390

■ 54.3270, 0.2675,
0.2669

■ 66.9318, 0.2856,
0.2923

■ 81.3163, 0.3023,
0.3151

■ 97.5465, 0.3174,
0.3351

■ 99.4335, 0.3179,
0.3376

Harmonies

Analogous

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



15.3524, 0.1042, 0.1160



15.3524, 0.1757, 0.1213



15.3524, 0.3130, 0.1571

Triad

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



15.3524, 0.1757, 0.1213



15.3524, 0.6065, 0.3854



15.3524, 0.1263, 0.4495

Complementary

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



15.3524, 0.1757, 0.1213



66.0127, 0.4378, 0.4676

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.



15.3524, 0.2323, 0.6541



15.3524, 0.1757, 0.1213



15.3524, 0.5011, 0.4989

Square

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



15.3524, 0.1757, 0.1213



15.3524, 0.6222, 0.2991



15.3524, 0.3679, 0.6321



15.3524, 0.0787, 0.2398

Rectangle

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



15.3524, 0.1757, 0.1213



15.3524, 0.4382, 0.1979



15.3524, 0.3679, 0.6321



15.3524, 0.1561, 0.5351

Sweetspot

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



15.3527, 0.1757, 0.1213



63.8730, 0.2744, 0.2767



71.3445, 0.2443, 0.3784



12.6565, 0.2677, 0.2672



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.



15.3527, 0.1757, 0.1213



11.1554, 0.1592, 0.0878



13.1461, 0.1976, 0.1039



16.4366, 0.2979, 0.3092



4.7774, 0.1550, 0.0780



0.5550, 0.1608, 0.0990

Inverse Universe

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



23.3145, 0.5353, 0.3011



22.1564, 0.5925, 0.3092



77.0637, 0.3708, 0.5218



16.5340, 0.3264, 0.3245



10.5817, 0.6101, 0.3135



0.9437, 0.5774, 0.2954

Previews

White Background



This preview shows how the Yxy color 15.3524, 0.1757, 0.1213 looks on a white background.

Color Contrast Check

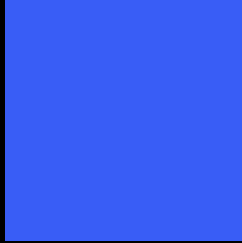
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.3524, 0.1757, 0.1213 looks on a black 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

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

Yxy 15.3524, 0.1757, 0.1213

Background



This preview shows how black text looks on a background with the Yxy color 15.3524, 0.1757, 0.1213.



This preview shows how white text looks on a background with the Yxy color 15.3524, 0.1757, 0.1213.

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

15.3524, 0.1757, 0.1213

Protanopia

15.1211, 0.1739, 0.1461

Deuteranopia

15.0430, 0.1855, 0.1876

Trichromacy



Original Color

15.3524, 0.1757, 0.1213

Protanomaly

14.9869, 0.1727, 0.1352

Deuteranomaly

14.7132, 0.1787, 0.1556

Monochromacy



Original Color

15.3524, 0.1757, 0.1213

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.7341, 0.2347, 0.2185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3524, 0.1757, 0.1213 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(57, 93, 246)` looks like.

```
.text, #text, p{  
    color:rgb(57, 93, 246)  
}
```

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(57, 93, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 93, 246) }
```

Border

The CSS property to change the border of an element to Yxy 15.3524, 0.1757, 0.1213 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(57, 93, 246) }
```

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

```
.border{ border-color:rgb(57, 93, 246) }
```

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

Here you see how a box with a 4 pixel rgb(57, 93, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 93, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 93, 246);  
box-shadow:4px 4px 4px 4px rgb(57, 93,  
246) }
```

Background

The CSS property to change the background color of an element to Yxy 15.3524, 0.1757, 0.1213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 93, 246) }
```

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

```
.background{ background-color: rgb(57, 93,  
246) }
```

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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