

Converting Colors

$Y_{xy}(14.8672, 0.1719, 0.1151)$

Have a look what the booklet for
Yxy(14.8672, 0.1719, 0.1151)
contains.

Yxy(14.8926, 0.1719, 0.1152)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.8926, 0.1719, 0.1152)

Conversions

Conversions Part 1

Format	Color
Hex	325AFA
RGB	50, 90, 250
RGB Percent	20%, 35%, 98%
CMY	0.8046, 0.6470, 0.0195
CMYK	0.80, 0.64, 0.00, 0.02
HSL	228°, 95%, 59%
HSV	228°, 80%, 98%
XYZ	22.2226, 14.8926, 92.1609
YIQ	96.2800, -75.2000, 41.2800

Conversions

Conversions Part 2

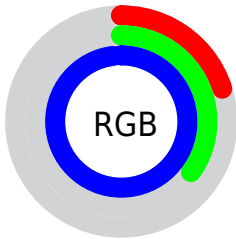
Format	Color
R_{YB}	50, 83, 250
Decimal	3300090
CIE _{Lab}	45.49, 43.00, -83.18
CIE _{LCh}	45, 93.632, 297.337
Yxy	14.8926, 0.1719, 0.1152
Android (android.graphics.Color)	4281490170 (0xFF325AFA)
YUV	96.2800, 75.7840, -40.5876
Hunter-Lab	38.5909, 35.2549, -114.5797

Details

The Yxy color **14.8926, 0.1719, 0.1152** 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 **66.5685, 0.4434, 0.4684**, and the grayscale version is **11.5863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.6433, 0.2201, 0.1849**, and **5.6825, 0.1571, 0.0854** is the 20% darker color. If you saturate the color by 10%, you get **11.4928, 0.1614, 0.0935**, and if you desaturate by 10%, it is **19.5451, 0.1862, 0.1415**.

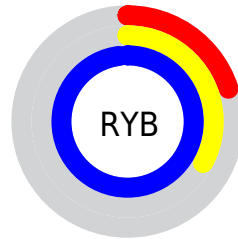
Distribution



Red (20%)

Green (35%)

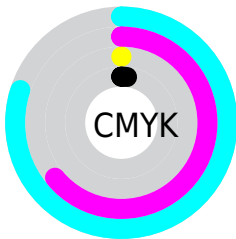
Blue (98%)



Red (20%)

Yellow (33%)

Blue (98%)

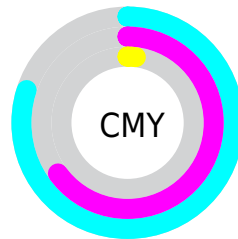


Cyan (80%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (80%)


Magenta (65%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8926, 0.1719, 0.1152 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 14.8926, 0.1719, 0.1152 by changing the saturation by 10% instead.


 14.8926, 0.1719,
0.1152


 14.8926, 0.1719,
0.1152


222.7152, 0.2477,
0.2152


 8.7440, 0.1536,
0.0950

 34.6647, 0.1995,
0.1484

 4.5746, 0.1312,
0.0723


 49.0570, 0.2099,
0.1619


 1.9999, 0.1041,
0.0480

 66.9659, 0.2188,
0.1737

 0.6074, 0.0725,
0.0232

 88.7760, 0.2263,
0.1841

 0.0000, 0.0372,
0.0000

 114.8716, 0.2328,
0.1933

 0.0000, 0.0000,
0.0000

145.6371, 0.2384,

0.2014

181.4568, 0.2434,
0.2087

■ 14.8926, 0.1719,
0.1152

■ 14.8926, 0.1719,
0.1152

■ 11.4928, 0.1614,
0.0935

■ 19.5451, 0.1862,
0.1415

■ 9.2005, 0.1548,
0.0774

■ 25.5651, 0.2034,
0.1706

■ 33.0543, 0.2224,
0.2009

■ 42.1041, 0.2420,
0.2307

■ 52.7984, 0.2614,
0.2589

■ 65.2148, 0.2798,
0.2848

■ 79.4258, 0.2970,
0.3082

■ 95.4997, 0.3126,
0.3289

■ 99.6833, 0.3156,
0.3338

Harmonies

Analogous

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



14.8926, 0.0987, 0.1091



14.8926, 0.1719, 0.1152



14.8926, 0.3154, 0.1519

Triad

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



14.8926, 0.1719, 0.1152



14.8926, 0.6160, 0.3840



14.8926, 0.1161, 0.4509

Complementary

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



14.8926, 0.1719, 0.1152



66.5685, 0.4434, 0.4684

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.



14.8926, 0.2219, 0.6731



14.8926, 0.1719, 0.1152



14.8926, 0.4995, 0.5005

Square

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



14.8926, 0.1719, 0.1152



14.8926, 0.6369, 0.2955



14.8926, 0.3585, 0.6415



14.8926, 0.0709, 0.2309

Rectangle

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



14.8926, 0.1719, 0.1152



14.8926, 0.4476, 0.1937



14.8926, 0.3585, 0.6415



14.8926, 0.1455, 0.5440

Sweetspot

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



14.8929, 0.1719, 0.1152



62.8464, 0.2727, 0.2749



73.5446, 0.2449, 0.3855



12.4709, 0.2660, 0.2655



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.



14.8929, 0.1719, 0.1152



10.4487, 0.1571, 0.0831



12.2688, 0.1903, 0.0957



17.2071, 0.2979, 0.3094



5.0396, 0.1555, 0.0796



0.6090, 0.1611, 0.0998

Inverse Universe

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



23.3332, 0.5459, 0.3003



21.8007, 0.6011, 0.3109



79.9888, 0.3732, 0.5253



17.2822, 0.3262, 0.3243



10.9196, 0.6076, 0.3121



1.0257, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 14.8926, 0.1719, 0.1152 looks on a white background.

Color Contrast Check

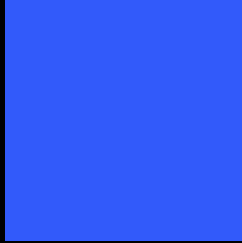
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8926, 0.1719, 0.1152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

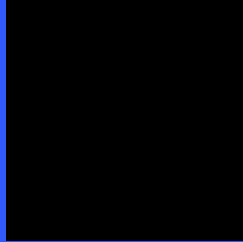
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.8926, 0.1719, 0.1152

Background



This preview shows how black text looks on a background with the Yxy color 14.8926, 0.1719, 0.1152.



This preview shows how white text looks on a background with the Yxy color 14.8926, 0.1719, 0.1152.

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

14.8926, 0.1719, 0.1152

Protanopia

14.7102, 0.1743, 0.1476

Deuteranopia

14.6970, 0.1859, 0.1892



Tritanopia

14.4632, 0.2194, 0.3097

Trichromacy



Original Color

14.8926, 0.1719, 0.1152

Protanomaly

14.5211, 0.1718, 0.1329

Deuteranomaly

14.4325, 0.1781, 0.1547

Tritanomaly

13.7940, 0.1927, 0.2051

Monochromacy



Original Color

14.8926, 0.1719, 0.1152

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.9347, 0.2296, 0.2125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8926, 0.1719, 0.1152 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(50, 90, 250)` looks like.

```
.text, #text, p{  
    color:rgb(50, 90, 250)  
}
```

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(50, 90, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 90, 250) }
```

Border

The CSS property to change the border of an element to Yxy 14.8926, 0.1719, 0.1152 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(50, 90, 250) }
```

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

```
.border{ border-color:rgb(50, 90, 250) }
```

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

Here you see how a box with a 4 pixel rgb(50, 90, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 90, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 90, 250);  
box-shadow:4px 4px 4px 4px rgb(50, 90,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8926, 0.1719, 0.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 90, 250) }
```

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

```
.background{ background-color: rgb(50, 90,  
250) }
```

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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