

Converting Colors

$Yxy(14.6523, 0.1676, 0.1100)$

Have a look what the booklet for
Yxy(14.6523, 0.1676, 0.1100)
contains.

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Color

Yxy(14.5928, 0.1675, 0.1096)

Conversions

Conversions Part 1

Format	Color
Hex	2558FF
RGB	37, 88, 255
RGB Percent	15%, 35%, 100%
CMY	0.8550, 0.6549, 0.0000
CMYK	0.85, 0.65, 0.00, 0.00
HSL	226°, 100%, 57%
HSV	226°, 85%, 100%
XYZ	22.3020, 14.5928, 96.2512
YIQ	91.7890, -84.0030, 41.1250

Conversions

Conversions Part 2

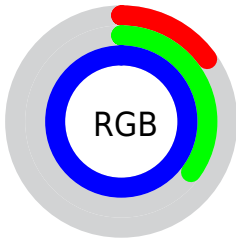
Format	Color
R_{YB}	37, 78, 255
Decimal	2447615
CIE _{Lab}	45.07, 45.15, -86.65
CIE _{LCh}	45, 97.710, 297.525
Yxy	14.5928, 0.1675, 0.1096
Android (android.graphics.Color)	4280637695 (0xFF2558FF)
YUV	91.7890, 80.4630, -48.0500
Hunter-Lab	38.2005, 37.3597, -122.6486

Details

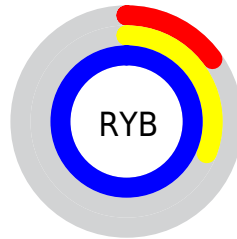
The Yxy color **14.5928, 0.1675, 0.1096** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **64.5714, 0.4557, 0.4658**, and the grayscale version is **10.4777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6820, 0.2167, 0.1814**, and **5.7590, 0.1562, 0.0822** is the 20% darker color. If you saturate the color by 10%, you get **11.4858, 0.1591, 0.0901**, and if you desaturate by 10%, it is **18.8872, 0.1798, 0.1338**.

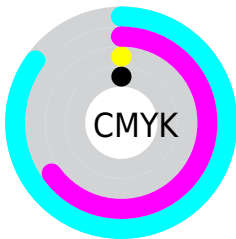
Distribution



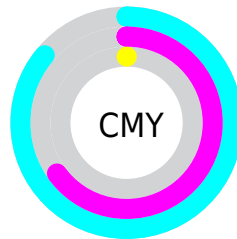
- Red (15%)
- Green (35%)
- Blue (100%)



- Red (15%)
- Yellow (31%)
- Blue (100%)



- Cyan (85%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)




- Cyan (86%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5928, 0.1675, 0.1096 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 14.5928, 0.1675, 0.1096 by changing the saturation by 10% instead.


 14.5928, 0.1675,
0.1096


 14.5928, 0.1675,
0.1096


220.8881, 0.2452,
0.2110


 8.5341, 0.1490,
0.0895


 34.1372, 0.1956,
0.1429

 4.4386, 0.1265,
0.0673


 48.3918, 0.2063,
0.1566

 1.9218, 0.0997,
0.0439

 66.1470, 0.2154,
0.1686

 0.5614, 0.0688,
0.0202

 87.7874, 0.2231,
0.1791

 0.0000, 0.0350,
0.0000

 113.6973, 0.2298,
0.1885

 0.0000, 0.0000,
0.0000

144.2611, 0.2356,

0.1969

179.8633, 0.2407,
0.2043

■ 14.5928, 0.1675,
0.1096

■ 14.5928, 0.1675,
0.1096

■ 11.4858, 0.1591,
0.0901

■ 18.8872, 0.1798,
0.1338

■ 10.4174, 0.1564,
0.0829

■ 24.4903, 0.1953,
0.1612

■ 31.5065, 0.2131,
0.1902

■ 40.0288, 0.2321,
0.2194

■ 50.1418, 0.2514,
0.2474

■ 61.9235, 0.2701,
0.2735

■ 75.4466, 0.2879,
0.2972

■ 90.7794, 0.3043,
0.3184

■ 100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



14.5928, 0.0934, 0.1031



14.5928, 0.1675, 0.1096



14.5928, 0.3158, 0.1468

Triad

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



14.5928, 0.1675, 0.1096



14.5928, 0.6211, 0.3789



14.5928, 0.1076, 0.4546

Complementary

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



14.5928, 0.1675, 0.1096



64.5714, 0.4557, 0.4658

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.



14.5928, 0.2131, 0.6918



14.5928, 0.1675, 0.1096



14.5928, 0.4992, 0.5008

Square

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



14.5928, 0.1675, 0.1096



14.5928, 0.6498, 0.2911



14.5928, 0.3508, 0.6492



14.5928, 0.0643, 0.2241

Rectangle

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



14.5928, 0.1675, 0.1096



14.5928, 0.4546, 0.1891



14.5928, 0.3508, 0.6492



14.5928, 0.1366, 0.5547

Sweetspot

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



14.5929, 0.1675, 0.1096



61.2883, 0.2692, 0.2722



76.1064, 0.2470, 0.4000



12.2097, 0.2628, 0.2634



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.



14.5929, 0.1675, 0.1096



10.4174, 0.1564, 0.0829



10.7914, 0.1784, 0.0834



18.0675, 0.2979, 0.3102



5.6306, 0.1571, 0.0854



0.7067, 0.1627, 0.1057

Inverse Universe

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



23.2869, 0.5571, 0.2971



21.5828, 0.6023, 0.3092



84.0013, 0.3780, 0.5288



18.0567, 0.3257, 0.3235



11.2964, 0.5984, 0.3070



1.1159, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 14.5928, 0.1675, 0.1096 looks on a white background.

Color Contrast Check

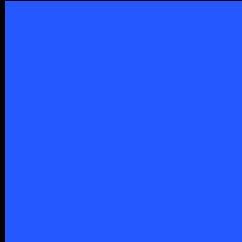
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5928, 0.1675, 0.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

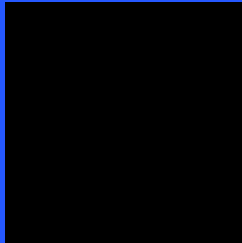
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5928, 0.1675, 0.1096

Background



This preview shows how black text looks on a background with the Yxy color 14.5928, 0.1675, 0.1096.



This preview shows how white text looks on a background with the Yxy color 14.5928, 0.1675, 0.1096.

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

14.5928, 0.1675, 0.1096

Protanopia

14.4090, 0.1744, 0.1476

Deuteranopia

14.3980, 0.1860, 0.1897



Tritanopia

14.1778, 0.2200, 0.3119

Trichromacy



Original Color

14.5928, 0.1675, 0.1096

Protanomaly

14.3481, 0.1707, 0.1308

Deuteranomaly

14.0461, 0.1763, 0.1505

Tritanomaly

13.3722, 0.1903, 0.1994

Monochromacy



Original Color

14.5928, 0.1675, 0.1096

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.0943, 0.2227, 0.2059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5928, 0.1675, 0.1096 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(37, 88, 255)` looks like.

```
.text, #text, p{  
    color:rgb(37, 88, 255)  
}
```

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(37, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 88, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.5928, 0.1675, 0.1096 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(37, 88, 255) }
```

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

```
.border{ border-color:rgb(37, 88, 255) }
```

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

Here you see how a box with a 4 pixel rgb(37, 88, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(37, 88,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5928, 0.1675, 0.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 88, 255) }
```

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

```
.background{ background-color: rgb(37, 88,  
255) }
```

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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