

Converting Colors

$Y_{xy}(14.6579, 0.1944, 0.1279)$

Have a look what the booklet for
Yxy(14.6579, 0.1944, 0.1279)
contains.

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Color

Yxy(14.6504, 0.1942, 0.1274)

Conversions

Conversions Part 1

Format	Color
Hex	5D55E8
RGB	93, 85, 232
RGB Percent	36%, 33%, 91%
CMY	0.6352, 0.6667, 0.0901
CMYK	0.60, 0.63, 0.00, 0.09
HSL	243°, 76%, 62%
HSV	243°, 63%, 91%
XYZ	22.3321, 14.6504, 78.0128
YIQ	104.1500, -42.4190, 47.4130

Conversions

Conversions Part 2

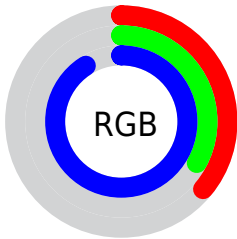
Format	Color
R _Y B	93, 85, 232
Decimal	6116840
CIE Lab	45.15, 44.95, -73.53
CIE LCh	45, 86.180, 301.437
Yxy	14.6504, 0.1942, 0.1274
Android (android.graphics.Color)	4284306920 (0xFF5D55E8)
YUV	104.1500, 63.0300, -9.7786
Hunter-Lab	38.2758, 37.1633, -94.0502

Details

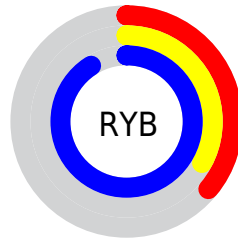
The Yxy color **14.6504, 0.1942, 0.1274** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **74.2284, 0.3947, 0.4784**, and the grayscale version is **13.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5165, 0.2362, 0.1850**, and **4.5462, 0.1567, 0.0842** is the 20% darker color. If you saturate the color by 10%, you get **10.5923, 0.1767, 0.0991**, and if you desaturate by 10%, it is **20.2345, 0.2143, 0.1605**.

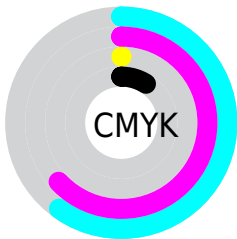
Distribution



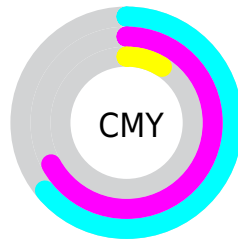
- Red (36%)
- Green (33%)
- Blue (91%)



- Red (36%)
- Yellow (33%)
- Blue (91%)



- Cyan (60%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)




- Cyan (64%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6504, 0.1942, 0.1274 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 14.6504, 0.1942, 0.1274 by changing the saturation by 10% instead.


 14.6504, 0.1942,
0.1274


 14.6504, 0.1942,
0.1274


221.2403, 0.2606,
0.2244


 8.5744, 0.1769,
0.1067


 34.2387, 0.2192,
0.1605

 4.4646, 0.1551,
0.0829


 48.5198, 0.2284,
0.1736

 1.9367, 0.1274,
0.0564

 66.3047, 0.2361,
0.1850

 0.5703, 0.0931,
0.0277

 87.9778, 0.2425,
0.1950

 0.0000, 0.0513,
0.0000

 113.9235, 0.2481,
0.2037

 0.0000, 0.0000,
0.0000

144.5263, 0.2528,

0.2114

180.1704, 0.2569,
0.2183

■ 14.6504, 0.1942,
0.1274

■ 14.6504, 0.1942,
0.1274

■ 10.5923, 0.1767,
0.0991

■ 20.2345, 0.2143,
0.1605

■ 7.9081, 0.1631,
0.0779

■ 27.4747, 0.2352,
0.1956

■ 6.4161, 0.1545,
0.0652

■ 36.4884, 0.2558,
0.2306

■ 5.9108, 0.1513,
0.0607

■ 47.3822, 0.2751,
0.2636

■ 60.2540, 0.2926,
0.2938

75.1952, 0.3080,
0.3207

92.2913, 0.3214,
0.3443

98.6076, 0.3262,
0.3512

Harmonies

Analogous

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



14.6504, 0.1145, 0.1175



14.6504, 0.1942, 0.1274



14.6504, 0.3403, 0.1679

Triad

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



14.6504, 0.1942, 0.1274



14.6504, 0.5926, 0.4033



14.6504, 0.1185, 0.4087

Complementary

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



14.6504, 0.1942, 0.1274



74.2284, 0.3947, 0.4784

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.



14.6504, 0.2165, 0.6288



14.6504, 0.1942, 0.1274



14.6504, 0.4811, 0.5189

Square

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



14.6504, 0.1942, 0.1274



14.6504, 0.6225, 0.3131



14.6504, 0.3470, 0.6398



14.6504, 0.0789, 0.2215

Rectangle

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



14.6504, 0.1942, 0.1274



14.6504, 0.4647, 0.2110



14.6504, 0.3470, 0.6398



14.6504, 0.1449, 0.4921

Sweetspot

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



14.6508, 0.1942, 0.1274



65.2121, 0.2828, 0.2769



61.4320, 0.2346, 0.3193



13.0102, 0.2777, 0.2680



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.



14.6508, 0.1942, 0.1274



11.9486, 0.1721, 0.0919



20.4141, 0.2530, 0.1541



13.9246, 0.2989, 0.3047



3.2974, 0.1517, 0.0610



0.2570, 0.1566, 0.0637

Inverse Universe

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



29.0361, 0.3278, 0.1904



31.1754, 0.3308, 0.1739



64.9769, 0.3406, 0.5111



14.6009, 0.3146, 0.3071



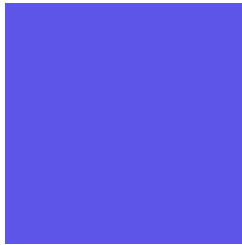
12.3792, 0.3351, 0.1619



0.9190, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 14.6504, 0.1942, 0.1274 looks on a white background.

Color Contrast Check

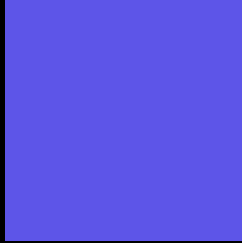
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6504, 0.1942, 0.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

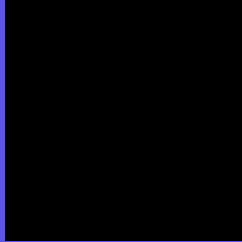
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6504, 0.1942, 0.1274

Background



This preview shows how black text looks on a background with the Yxy color 14.6504, 0.1942, 0.1274.



This preview shows how white text looks on a background with the Yxy color 14.6504, 0.1942, 0.1274.

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

14.6504, 0.1942, 0.1274

Protanopia

14.5125, 0.1739, 0.1461

Deuteranopia

14.5251, 0.1851, 0.1862



Tritanopia

14.5326, 0.2324, 0.3057

Trichromacy



Original Color

14.6504, 0.1942, 0.1274

Protanomaly

13.9797, 0.1753, 0.1359

Deuteranomaly

13.7662, 0.1816, 0.1563

Tritanomaly

13.8439, 0.2121, 0.2123

Monochromacy



Original Color

14.6504, 0.1942, 0.1274

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.4931, 0.2532, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6504, 0.1942, 0.1274 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(93, 85, 232)` looks like.

```
.text, #text, p{  
    color:rgb(93, 85, 232)  
}
```

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(93, 85, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 85, 232) }
```

Border

The CSS property to change the border of an element to Yxy 14.6504, 0.1942, 0.1274 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(93, 85, 232) }
```

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

```
.border{ border-color:rgb(93, 85, 232) }
```

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

Here you see how a box with a 4 pixel rgb(93, 85, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 85, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 85, 232);  
box-shadow:4px 4px 4px 4px rgb(93, 85,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6504, 0.1942, 0.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 85, 232) }
```

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

```
.background{ background-color: rgb(93, 85,  
232) }
```

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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