

Converting Colors

$Yxy(14.3676, 0.1930, 0.1297)$

Have a look what the booklet for
Yxy(14.3676, 0.1930, 0.1297)
contains.

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Color

Yxy(14.3317, 0.1929, 0.1294)

Conversions

Conversions Part 1

Format	Color
Hex	5856E4
RGB	88, 86, 228
RGB Percent	35%, 34%, 89%
CMY	0.6546, 0.6629, 0.1058
CMYK	0.61, 0.62, 0.00, 0.11
HSL	241°, 72%, 62%
HSV	241°, 62%, 89%
XYZ	21.3646, 14.3317, 75.0587
YIQ	102.7860, -44.3900, 44.5860

Conversions

Conversions Part 2

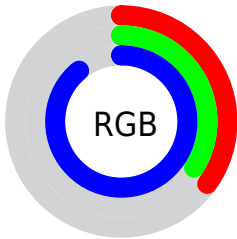
Format	Color
R_{YB}	88, 86, 228
Decimal	5789412
CIE _{Lab}	44.70, 42.35, -72.01
CIE _{LCh}	45, 83.543, 300.461
Yxy	14.3317, 0.1929, 0.1294
Android (android.graphics.Color)	4283979492 (0xFF5856E4)
YUV	102.7860, 61.7305, -12.9673
Hunter-Lab	37.8572, 34.4859, -91.0529

Details

The Yxy color **14.3317, 0.1929, 0.1294** 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 **72.3263, 0.3981, 0.4738**, and the grayscale version is **13.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.3123, 0.2329, 0.1849**, and **4.4579, 0.1574, 0.0865** is the 20% darker color. If you saturate the color by 10%, you get **10.3214, 0.1753, 0.1004**, and if you desaturate by 10%, it is **19.8413, 0.2133, 0.1631**.

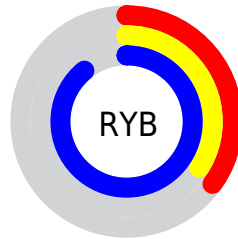
Distribution



Red (35%)

Green (34%)

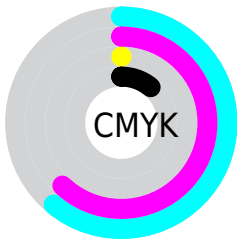
Blue (89%)



Red (35%)

Yellow (34%)

Blue (89%)

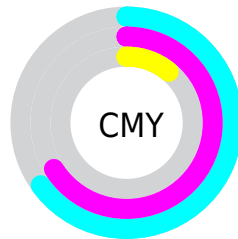


Cyan (61%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (66%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3317, 0.1929, 0.1294 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 14.3317, 0.1929, 0.1294 by changing the saturation by 10% instead.

■ 14.3317, 0.1929,
0.1294

■ 14.3317, 0.1929,
0.1294

219.2847, 0.2601,
0.2264

■ 8.3517, 0.1754,
0.1084

■ 33.6764, 0.2183,
0.1627

■ 4.3208, 0.1531,
0.0842

■ 47.8100, 0.2276,
0.1759

■ 1.8546, 0.1249,
0.0571

■ 65.4302, 0.2353,
0.1873

■ 0.5209, 0.0900,
0.0270

■ 86.9214, 0.2419,
0.1972

■ 0.0000, 0.0452,
0.0000

■ 112.6681, 0.2475,
0.2059

■ 0.0000, 0.0000,
0.0000

143.0546, 0.2523,

0.2135

178.4653, 0.2564,
0.2203

■ 14.3317, 0.1929,
0.1294

■ 14.3317, 0.1929,
0.1294

■ 10.3214, 0.1753,
0.1004

■ 19.8413, 0.2133,
0.1631

■ 7.6621, 0.1618,
0.0786

■ 26.9769, 0.2347,
0.1987

■ 6.1776, 0.1536,
0.0653

■ 35.8533, 0.2558,
0.2338

■ 5.6250, 0.1504,
0.0602

■ 46.5744, 0.2756,
0.2668

■ 59.2361, 0.2935,
0.2968

■ 73.9275, 0.3094,
0.3234

■ 90.7324, 0.3232,
0.3466

■ 98.3830, 0.3285,
0.3552

Harmonies

Analogous

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



14.3317, 0.1156, 0.1206



14.3317, 0.1929, 0.1294



14.3317, 0.3344, 0.1686

Triad

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



14.3317, 0.1929, 0.1294



14.3317, 0.5906, 0.4008



14.3317, 0.1244, 0.4150

Complementary

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



14.3317, 0.1929, 0.1294



72.3263, 0.3981, 0.4738

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.



14.3317, 0.2237, 0.6246



14.3317, 0.1929, 0.1294



14.3317, 0.4854, 0.5146

Square

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



14.3317, 0.1929, 0.1294



14.3317, 0.6158, 0.3124



14.3317, 0.3532, 0.6312



14.3317, 0.0826, 0.2283

Rectangle

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



14.3317, 0.1929, 0.1294



14.3317, 0.4557, 0.2109



14.3317, 0.3532, 0.6312



14.3317, 0.1515, 0.4958

Sweetspot

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



14.3321, 0.1929, 0.1294



64.9329, 0.2815, 0.2767



63.0817, 0.2376, 0.3288



12.9445, 0.2762, 0.2678



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.



14.3321, 0.1929, 0.1294



12.0382, 0.1705, 0.0926



19.4207, 0.2476, 0.1539



13.8974, 0.2982, 0.3047



3.2517, 0.1505, 0.0603



0.2439, 0.1518, 0.0610

Inverse Universe

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



28.6342, 0.3216, 0.1878



31.9358, 0.3230, 0.1701



63.3410, 0.3455, 0.5051



14.6113, 0.3140, 0.3062



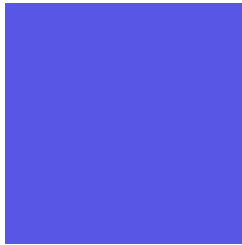
12.6521, 0.3247, 0.1562



0.9362, 0.3241, 0.1559

Previews

White Background



This preview shows how the Yxy color 14.3317, 0.1929, 0.1294 looks on a white background.

Color Contrast Check

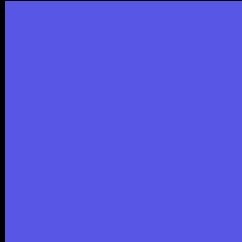
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3317, 0.1929, 0.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

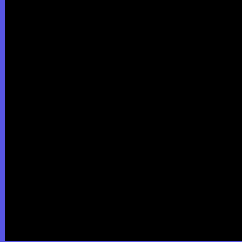
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3317, 0.1929, 0.1294

Background



This preview shows how black text looks on a background with the Yxy color 14.3317, 0.1929, 0.1294.

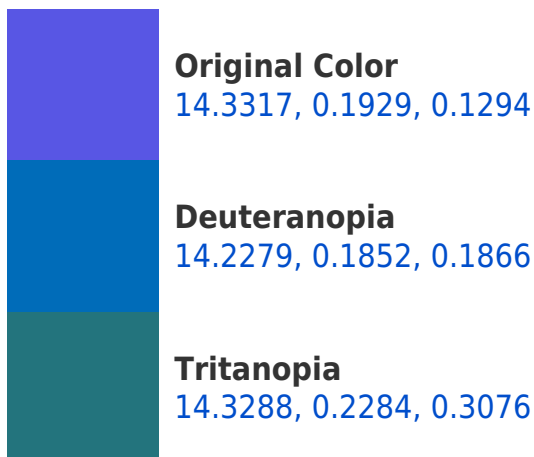


This preview shows how white text looks on a background with the Yxy color 14.3317, 0.1929, 0.1294.

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



Trichromacy



Original Color

14.3317, 0.1929, 0.1294

Deuteranomaly

13.6385, 0.1817, 0.1579

Tritanomaly

13.4961, 0.2089, 0.2153

Monochromacy



Original Color

14.3317, 0.1929, 0.1294

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.2842, 0.2538, 0.2300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3317, 0.1929, 0.1294 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(88, 86, 228)` looks like.

```
.text, #text, p{  
    color:rgb(88, 86, 228)  
}
```

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(88, 86, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 86, 228) }
```

Border

The CSS property to change the border of an element to Yxy 14.3317, 0.1929, 0.1294 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(88, 86, 228) }
```

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

```
.border{ border-color:rgb(88, 86, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 86, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 86, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 86, 228);  
box-shadow:4px 4px 4px 4px rgb(88, 86,  
228) }
```

Background

The CSS property to change the background color of an element to Yxy 14.3317, 0.1929, 0.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 86, 228) }
```

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

```
.background{ background-color: rgb(88, 86,  
228) }
```

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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