

Converting Colors

$Y_{xy}(14.4052, 0.1793, 0.1596)$

Have a look what the booklet for
Yxy(14.4052, 0.1793, 0.1596)
contains.

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Color

Yxy(14.4276, 0.1794, 0.1597)

Conversions

Conversions Part 1

Format	Color
Hex	1168CD
RGB	17, 104, 205
RGB Percent	7%, 41%, 80%
CMY	0.9322, 0.5922, 0.1960
CMYK	0.92, 0.49, 0.00, 0.20
HSL	212°, 84%, 44%
HSV	212°, 92%, 80%
XYZ	16.2073, 14.4276, 59.7070
YIQ	89.5010, -84.2730, 12.9670

Conversions

Conversions Part 2

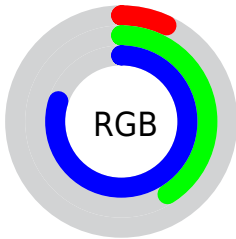
Format	Color
R_{YB}	17, 76, 205
Decimal	1140941
CIE _{Lab}	44.84, 15.02, -58.80
CIE _{LCh}	45, 60.693, 284.331
Yxy	14.4276, 0.1794, 0.1597
Android (android.graphics.Color)	4279331021 (0xFF1168CD)
YUV	89.5010, 56.9410, -63.5834
Hunter-Lab	37.9837, 9.6931, -66.6100

Details

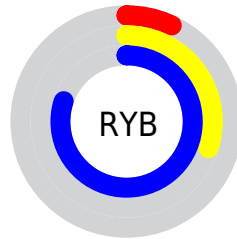
The Yxy color **14.4276, 0.1794, 0.1597** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.0633, 0.5150, 0.4220**, and the grayscale version is **10.0111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2148, 0.2100, 0.1982**, and **5.2281, 0.1681, 0.1253** is the 20% darker color. If you saturate the color by 10%, you get **12.5345, 0.1734, 0.1440**, and if you desaturate by 10%, it is **17.0829, 0.1886, 0.1795**.

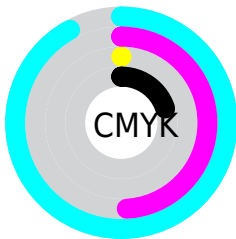
Distribution



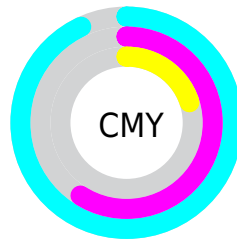
- Red (7%)
- Green (41%)
- Blue (80%)



- Red (7%)
- Yellow (30%)
- Blue (80%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4276, 0.1794, 0.1597 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 14.4276, 0.1794, 0.1597 by changing the saturation by 10% instead.

■ 14.4276, 0.1794,
0.1597

■ 14.4276, 0.1794,
0.1597

■ 219.8750, 0.2529,
0.2485

■ 8.4187, 0.1602,
0.1381

■ 33.8458, 0.2071,
0.1920

■ 4.3640, 0.1359,
0.1118

■ 48.0239, 0.2173,
0.2042

■ 1.8792, 0.1050,
0.0801

■ 65.6939, 0.2258,
0.2145

■ 0.5358, 0.0675,
0.0413

■ 87.2400, 0.2329,
0.2233

■ 0.0000, 0.0000,
0.0000

■ 113.0468, 0.2390,
0.2309

143.4987, 0.2443,

0.2375

178.9799, 0.2489,
0.2433

■ 14.4276, 0.1794,
0.1597

■ 14.4276, 0.1794,
0.1597

■ 12.5345, 0.1734,
0.1440

■ 17.0829, 0.1886,
0.1795

■ 20.2531, 0.2003,
0.2003

■ 23.9798, 0.2140,
0.2213

■ 28.2983, 0.2293,
0.2420

■ 33.2405, 0.2455,
0.2618

■ 38.8353, 0.2621,
0.2804

■ 45.1098, 0.2787,
0.2975

■ 52.0891, 0.2949,
0.3130

■ 59.7971, 0.3104,
0.3270

Harmonies

Analogous

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



14.4276, 0.1329, 0.1697



14.4276, 0.1794, 0.1597



14.4276, 0.2677, 0.1796

Triad

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



14.4276, 0.1794, 0.1597



14.4276, 0.5502, 0.3656



14.4276, 0.2124, 0.4762

Complementary

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



14.4276, 0.1794, 0.1597



26.0633, 0.5150, 0.4220

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.



14.4276, 0.3147, 0.5621



14.4276, 0.1794, 0.1597



14.4276, 0.5102, 0.4475

Square

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



14.4276, 0.1794, 0.1597



14.4276, 0.5086, 0.2916



14.4276, 0.4216, 0.5295



14.4276, 0.1445, 0.3257

Rectangle

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



14.4276, 0.1794, 0.1597



14.4276, 0.3490, 0.2080



14.4276, 0.4216, 0.5295



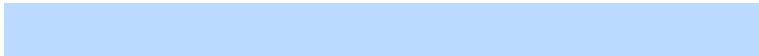
14.4276, 0.2442, 0.5183

Sweetspot

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



14.4280, 0.1794, 0.1597



67.7901, 0.2691, 0.2878



45.0933, 0.2672, 0.4760



13.7705, 0.2634, 0.2818



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.



14.4280, 0.1794, 0.1597



20.1167, 0.1727, 0.1419



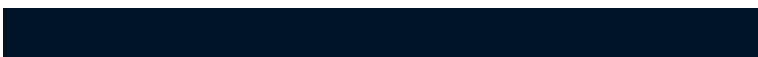
5.0082, 0.1551, 0.0670



11.6834, 0.2983, 0.3162



7.9867, 0.1741, 0.1466



0.5633, 0.1844, 0.1840

Inverse Universe

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



14.3927, 0.4920, 0.2539



22.5619, 0.5166, 0.2620



55.8295, 0.4123, 0.5067



11.2984, 0.3219, 0.3183



8.6093, 0.5103, 0.2585



0.4594, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 14.4276, 0.1794, 0.1597 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 14.4276, 0.1794, 0.1597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

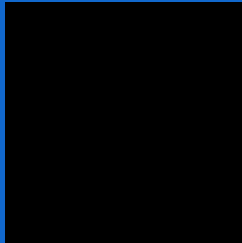
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

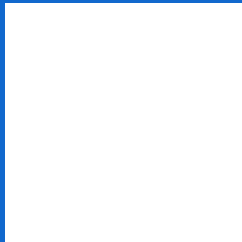
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.4276, 0.1794, 0.1597

Background



This preview shows how black text looks on a background with the Yxy color 14.4276, 0.1794, 0.1597.



This preview shows how white text looks on a background with the Yxy color 14.4276, 0.1794, 0.1597.

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

14.4276, 0.1794, 0.1597

Protanopia

14.4189, 0.1866, 0.1611

Deuteranopia

14.3560, 0.1842, 0.1832



Tritanopia

14.2032, 0.2193, 0.3096

Trichromacy



Original Color

14.4276, 0.1794, 0.1597

Protanomaly

14.4352, 0.1832, 0.1605

Deuteranomaly

14.4491, 0.1826, 0.1750

Tritanomaly

13.9602, 0.2007, 0.2394

Monochromacy



Original Color

14.4276, 0.1794, 0.1597

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.9403, 0.2320, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4276, 0.1794, 0.1597 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(17, 104, 205)` looks like.

```
.text, #text, p{  
    color:rgb(17, 104, 205)  
}
```

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(17, 104, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 104, 205) }
```

Border

The CSS property to change the border of an element to Yxy 14.4276, 0.1794, 0.1597 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(17, 104, 205) }
```

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

```
.border{ border-color:rgb(17, 104, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 104, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 104, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 104, 205);  
box-shadow:4px 4px 4px 4px rgb(17, 104,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4276, 0.1794, 0.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 104, 205) }
```

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

```
.background{ background-color: rgb(17, 104,  
205) }
```

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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