

Converting Colors

$Y_{xy}(14.5176, 0.2057, 0.2579)$

Have a look what the booklet for
Yxy(14.5176, 0.2057, 0.2579)
contains.

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Color

$\text{Yxy}(14.4319, 0.2054, 0.2570)$

Conversions

Conversions Part 1

Format	Color
Hex	057394
RGB	5, 115, 148
RGB Percent	2%, 45%, 58%
CMY	0.9818, 0.5490, 0.4197
CMYK	0.97, 0.22, 0.00, 0.42
HSL	194°, 94%, 30%
HSV	194°, 97%, 58%
XYZ	11.5343, 14.4319, 30.1891
YIQ	85.8720, -76.1530, -13.0570

Conversions

Conversions Part 2

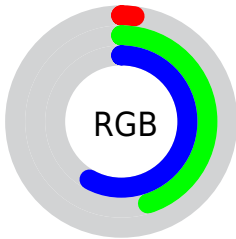
Format	Color
RYB	5, 67, 148
Decimal	357268
CIELab	44.85, -14.72, -25.51
CIELCh	45, 29.452, 240.007
Yxy	14.4319, 0.2054, 0.2570
Android (android.graphics.Color)	4278547348 (0xFF057394)
YUV	85.8720, 30.6291, -70.9247
Hunter-Lab	37.9893, -12.2853, -20.5236

Details

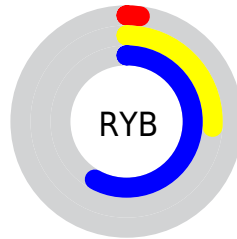
The Yxy color **14.4319, 0.2054, 0.2570** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7.6669, 0.6003, 0.3563**, and the grayscale version is **9.2015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8330, 0.2295, 0.2751**, and **4.8774, 0.1976, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **14.1600, 0.2040, 0.2544**, and if you desaturate by 10%, it is **15.3363, 0.2101, 0.2653**.

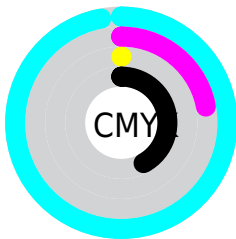
Distribution



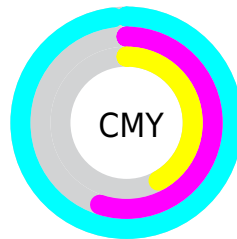
- Red (2%)
- Green (45%)
- Blue (58%)



- Red (2%)
- Yellow (26%)
- Blue (58%)



- Cyan (97%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4319, 0.2054, 0.2570 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 14.4319, 0.2054, 0.2570 by changing the saturation by 10% instead.

14.4319, 0.2054,
0.2570

14.4319, 0.2054,
0.2570

219.9014, 0.2666,
0.3004

8.4217, 0.1875,
0.2431

33.8534, 0.2295,
0.2749

4.3659, 0.1631,
0.2230

48.0335, 0.2380,
0.2809

1.8803, 0.1287,
0.1925

65.7057, 0.2450,
0.2858

0.5365, 0.0391,
0.1395

87.2543, 0.2507,
0.2898

0.0000, 0.0000,
0.0000

113.0638, 0.2556,
0.2931

143.5185, 0.2598,

0.2959

179.0029, 0.2634,
0.2983

■ 14.4319, 0.2054,
0.2570

■ 14.4319, 0.2054,
0.2570

■ 14.1600, 0.2040,
0.2544

■ 15.3363, 0.2101,
0.2653

■ 16.3575, 0.2166,
0.2736

■ 17.5164, 0.2249,
0.2819

■ 18.8258, 0.2349,
0.2900

■ 20.2966, 0.2465,
0.2979

■ 21.9386, 0.2593,
0.3054

■ 23.7607, 0.2731,
0.3125

■ 25.7711, 0.2876,
0.3191

■ 27.9775, 0.3025,
0.3252

Harmonies

Analogous

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



14.4319, 0.2110, 0.3017



14.4319, 0.2054, 0.2570



14.4319, 0.2243, 0.2360

Triad

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



14.4319, 0.2054, 0.2570



14.4319, 0.3851, 0.2944



14.4319, 0.3519, 0.4403

Complementary

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



14.4319, 0.2054, 0.2570



7.6669, 0.6003, 0.3563

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.



14.4319, 0.4035, 0.4245



14.4319, 0.2054, 0.2570



14.4319, 0.4260, 0.3393

Square

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



14.4319, 0.2054, 0.2570



14.4319, 0.3244, 0.2584



14.4319, 0.4320, 0.3858



14.4319, 0.2925, 0.4182

Rectangle

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



14.4319, 0.2054, 0.2570



14.4319, 0.2497, 0.2346



14.4319, 0.4320, 0.3858



14.4319, 0.3707, 0.4387

Sweetspot

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



14.4324, 0.2054, 0.2570



41.0259, 0.2693, 0.3106



21.3313, 0.2924, 0.5692



9.0786, 0.2639, 0.3079



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4324, 0.2054, 0.2570



24.7199, 0.2036, 0.2528



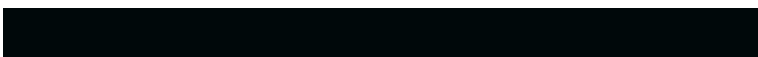
4.0643, 0.1634, 0.1045



6.3383, 0.2990, 0.3238



12.1394, 0.2041, 0.2549



0.1928, 0.2149, 0.2937

Inverse Universe

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



7.6337, 0.3851, 0.1914



13.2234, 0.3894, 0.1919



16.8984, 0.4751, 0.4579



5.8866, 0.3170, 0.3121



6.4188, 0.3874, 0.1908



0.0830, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 14.4319, 0.2054, 0.2570 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 14.4319, 0.2054, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

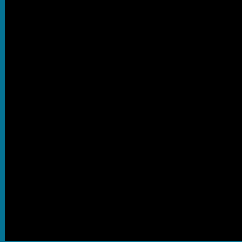
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4319, 0.2054, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 14.4319, 0.2054, 0.2570.

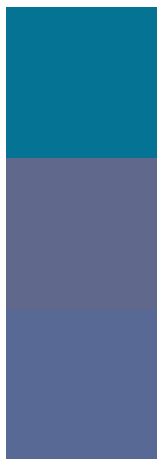


This preview shows how white text looks on a background with the Yxy color 14.4319, 0.2054, 0.2570.

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

14.4319, 0.2054, 0.2570

Protanopia

14.2809, 0.2610, 0.2569

Deuteranopia

14.4290, 0.2447, 0.2406



Tritanopia

14.4892, 0.2187, 0.3074

Trichromacy



Original Color

14.4319, 0.2054, 0.2570

Protanomaly

13.7651, 0.2285, 0.2543

Deuteranomaly

14.0067, 0.2213, 0.2452

Tritanomaly

14.4848, 0.2135, 0.2874

Monochromacy



Original Color

14.4319, 0.2054, 0.2570

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

10.4943, 0.2462, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4319, 0.2054, 0.2570 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(5, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(5, 115, 148)  
}
```

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(5, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 115, 148) }
```

Border

The CSS property to change the border of an element to Yxy 14.4319, 0.2054, 0.2570 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(5, 115, 148) }
```

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

```
.border{ border-color:rgb(5, 115, 148) }
```

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

Here you see how a box with a 4 pixel rgb(5, 115, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(5, 115,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4319, 0.2054, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 115, 148) }
```

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

```
.background{ background-color: rgb(5, 115,  
148) }
```

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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