

Converting Colors

$Yxy(14.1222, 0.2077, 0.2645)$

Have a look what the booklet for
Yxy(14.1222, 0.2077, 0.2645)
contains.

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Color

$Y_{xy}(14.0565, 0.2076, 0.2641)$

Conversions

Conversions Part 1

Format	Color
Hex	06728F
RGB	6, 114, 143
RGB Percent	2%, 45%, 56%
CMY	0.9769, 0.5529, 0.4392
CMYK	0.96, 0.20, 0.00, 0.44
HSL	193°, 92%, 29%
HSV	193°, 96%, 56%
XYZ	11.0493, 14.0565, 28.1183
YIQ	85.0140, -73.6770, -13.8770

Conversions

Conversions Part 2

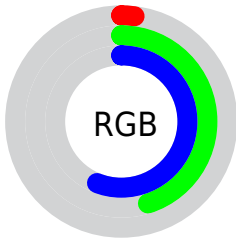
Format	Color
RYB	6, 66, 143
Decimal	422543
CIELab	44.31, -15.95, -23.37
CIELCh	44, 28.295, 235.693
Yxy	14.0565, 0.2076, 0.2641
Android (android.graphics.Color)	4278612623 (0xFF06728F)
YUV	85.0140, 28.5871, -69.2953
Hunter-Lab	37.4920, -13.0049, -18.2220

Details

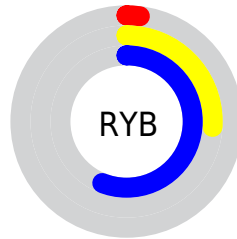
The Yxy color **14.0565, 0.2076, 0.2641** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7.0488, 0.6007, 0.3541**, and the grayscale version is **9.0320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1885, 0.2313, 0.2804**, and **4.6867, 0.1995, 0.2383** is the 20% darker color. If you saturate the color by 10%, you get **13.7394, 0.2058, 0.2610**, and if you desaturate by 10%, it is **14.8635, 0.2123, 0.2716**.

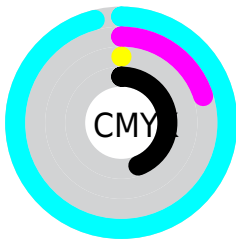
Distribution



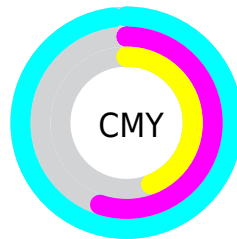
- Red (2%)
- Green (45%)
- Blue (56%)



- Red (2%)
- Yellow (26%)
- Blue (56%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)





- Cyan (98%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0565, 0.2076, 0.2641 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 14.0565, 0.2076, 0.2641 by changing the saturation by 10% instead.


 14.0565, 0.2076,
0.2641


 14.0565, 0.2076,
0.2641


 217.5820, 0.2679,
0.3037


 8.1600, 0.1898,
0.2511


 33.1892, 0.2315,
0.2806


 4.1975, 0.1652,
0.2320

 47.1943, 0.2399,
0.2861

 1.7846, 0.1301,
0.2023

 64.6709, 0.2467,
0.2906

 0.4776, 0.0199,
0.1468

 86.0035, 0.2524,
0.2942

 0.0000, 0.0000,
0.0000

 111.5765, 0.2572,
0.2971

 141.7744, 0.2613,

0.2997

176.9814, 0.2648,
0.3018

■ 14.0565, 0.2076,
0.2641

■ 14.0565, 0.2076,
0.2641

■ 13.7394, 0.2058,
0.2610

■ 14.8635, 0.2123,
0.2716

■ 15.7778, 0.2186,
0.2792

■ 16.8166, 0.2269,
0.2867

■ 17.9914, 0.2368,
0.2941

■ 19.3119, 0.2483,
0.3012

■ 20.7870, 0.2611,
0.3081

■ 22.4248, 0.2748,
0.3145

■ 24.2326, 0.2892,
0.3205

■ 26.2176, 0.3039,
0.3260

Harmonies

Analogous

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



14.0565, 0.2166, 0.3107



14.0565, 0.2076, 0.2641



14.0565, 0.2227, 0.2401

Triad

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



14.0565, 0.2076, 0.2641



14.0565, 0.3751, 0.2897



14.0565, 0.3590, 0.4366

Complementary

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



14.0565, 0.2076, 0.2641



7.0488, 0.6007, 0.3541

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.



14.0565, 0.4066, 0.4175



14.0565, 0.2076, 0.2641



14.0565, 0.4187, 0.3327

Square

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



14.0565, 0.2076, 0.2641



14.0565, 0.3154, 0.2563



14.0565, 0.4298, 0.3783



14.0565, 0.3014, 0.4207

Rectangle

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



14.0565, 0.2076, 0.2641



14.0565, 0.2454, 0.2367



14.0565, 0.4298, 0.3783



14.0565, 0.3767, 0.4335

Sweetspot

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



14.0570, 0.2076, 0.2641



39.0263, 0.2695, 0.3122



19.7955, 0.2931, 0.5702



8.6927, 0.2643, 0.3097



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.0570, 0.2076, 0.2641



24.3501, 0.2054, 0.2595



4.0567, 0.1655, 0.1110



5.9254, 0.2990, 0.3242



12.1784, 0.2059, 0.2614



0.1477, 0.2158, 0.2968

Inverse Universe

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



7.1830, 0.3781, 0.1882



12.5575, 0.3829, 0.1883



15.3304, 0.4776, 0.4548



5.4918, 0.3167, 0.3118



6.2158, 0.3811, 0.1873



0.0626, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 14.0565, 0.2076, 0.2641 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 14.0565, 0.2076, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

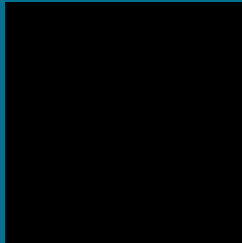
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0565, 0.2076, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 14.0565, 0.2076, 0.2641.

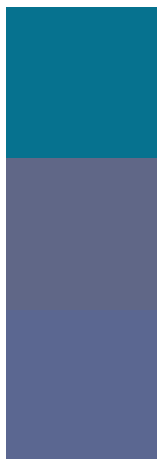


This preview shows how white text looks on a background with the Yxy color 14.0565, 0.2076, 0.2641.

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

14.0565, 0.2076, 0.2641

Protanopia

13.9366, 0.2658, 0.2637

Deuteranopia

13.9690, 0.2506, 0.2452



Tritanopia

13.9715, 0.2187, 0.3071

Trichromacy



Original Color

14.0565, 0.2076, 0.2641

Protanomaly

13.4071, 0.2318, 0.2613

Deuteranomaly

13.4897, 0.2251, 0.2498

Tritanomaly

13.9403, 0.2140, 0.2890

Monochromacy



Original Color

14.0565, 0.2076, 0.2641

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

10.2471, 0.2487, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0565, 0.2076, 0.2641 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(6, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(6, 114, 143)  
}
```

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(6, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 114, 143) }
```

Border

The CSS property to change the border of an element to Yxy 14.0565, 0.2076, 0.2641 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(6, 114, 143) }
```

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

```
.border{ border-color:rgb(6, 114, 143) }
```

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

Here you see how a box with a 4 pixel rgb(6, 114, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(6, 114,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0565, 0.2076, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 114, 143) }
```

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

```
.background{ background-color: rgb(6, 114,  
143) }
```

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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