

Converting Colors

$Yxy(13.3091, 0.1845, 0.2592)$

Have a look what the booklet for
Yxy(13.3091, 0.1845, 0.2592)
contains.

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Color

Yxy(14.0482, 0.2061, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	007290
RGB	0, 114, 144
RGB Percent	0%, 45%, 56%
CMY	1.0000, 0.5529, 0.4352
CMYK	1.00, 0.21, 0.00, 0.44
HSL	193°, 100%, 28%
HSV	193°, 100%, 56%
XYZ	11.0509, 14.0482, 28.5200
YIQ	83.3340, -77.5740, -14.8380

Conversions

Conversions Part 2

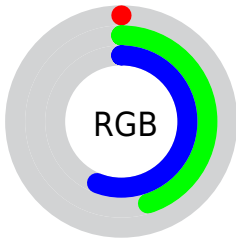
Format	Color
RYB	0, 64, 144
Decimal	29328
CIELab	44.30, -15.88, -24.00
CIElCh	44, 28.778, 236.497
Yxy	14.0482, 0.2061, 0.2620
Android (android.graphics.Color)	4278219408 (0xFF007290)
YUV	83.3340, 29.9083, -73.0839
Hunter-Lab	37.4809, -12.9626, -18.8783

Details

The Yxy color **14.0482, 0.2061, 0.2620** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6.8596, 0.6131, 0.3514**, and the grayscale version is **8.6722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1887, 0.2303, 0.2790**, and **4.6867, 0.1995, 0.2383** is the 20% darker color. If you saturate the color by 10%, you get **14.0494, 0.2061, 0.2620**, and if you desaturate by 10%, it is **14.8342, 0.2104, 0.2694**.

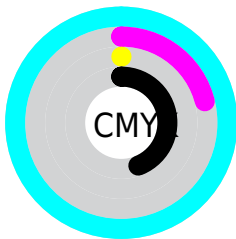
Distribution



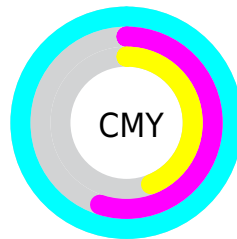
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)





- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0482, 0.2061, 0.2620 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 14.0482, 0.2061, 0.2620 by changing the saturation by 10% instead.


 14.0482, 0.2061,
0.2620


 14.0482, 0.2061,
0.2620


 217.5305, 0.2672,
0.3028


 8.1542, 0.1881,
0.2486


 33.1745, 0.2303,
0.2790


 4.1938, 0.1633,
0.2291

 47.1756, 0.2388,
0.2847

 1.7825, 0.1281,
0.1989

 64.6479, 0.2457,
0.2892

 0.4763, 0.0194,
0.1427

 85.9757, 0.2515,
0.2930

 0.0000, 0.0000,
0.0000

 111.5435, 0.2563,
0.2960

 141.7356, 0.2604,

0.2986

176.9365, 0.2640,
0.3009

■ 14.0482, 0.2061,
0.2620

■ 14.0482, 0.2061,
0.2620

■ 14.0494, 0.2061,
0.2620

■ 14.8342, 0.2104,
0.2694

■ 15.7066, 0.2160,
0.2768

■ 16.6996, 0.2234,
0.2843

■ 17.8254, 0.2326,
0.2916

■ 19.0948, 0.2435,
0.2988

■ 20.5171, 0.2557,
0.3056

■ 22.1007, 0.2690,
0.3122

■ 23.8536, 0.2832,
0.3182

■ 25.7828, 0.2978,
0.3239

Harmonies

Analogous

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



14.0482, 0.2146, 0.3087



14.0482, 0.2061, 0.2620



14.0482, 0.2220, 0.2384

Triad

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



14.0482, 0.2061, 0.2620



14.0482, 0.3777, 0.2901



14.0482, 0.3581, 0.4386

Complementary

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



14.0482, 0.2061, 0.2620



6.8596, 0.6131, 0.3514

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.



14.0482, 0.4071, 0.4197



14.0482, 0.2061, 0.2620



14.0482, 0.4213, 0.3339

Square

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



14.0482, 0.2061, 0.2620



14.0482, 0.3171, 0.2560



14.0482, 0.4316, 0.3801



14.0482, 0.2995, 0.4214

Rectangle

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



14.0482, 0.2061, 0.2620



14.0482, 0.2455, 0.2353



14.0482, 0.4316, 0.3801



14.0482, 0.3763, 0.4357

Sweetspot

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



14.0494, 0.2061, 0.2620



38.7921, 0.2682, 0.3118



20.0385, 0.2937, 0.5773



8.6476, 0.2630, 0.3093



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.



14.0494, 0.2061, 0.2620



24.5307, 0.2057, 0.2605



3.7567, 0.1620, 0.1030



5.9281, 0.2990, 0.3243



12.2661, 0.2062, 0.2624



0.1482, 0.2159, 0.2974

Inverse Universe

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



7.1455, 0.3805, 0.1870



12.5758, 0.3819, 0.1877



15.2010, 0.4829, 0.4548



5.4920, 0.3167, 0.3118



6.2246, 0.3801, 0.1867



0.0626, 0.3478, 0.1689

Previews

White Background



This preview shows how the Yxy color 14.0482, 0.2061, 0.2620 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 14.0482, 0.2061, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

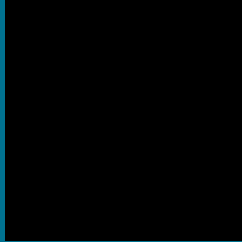
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0482, 0.2061, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 14.0482, 0.2061, 0.2620.

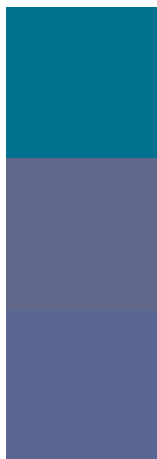


This preview shows how white text looks on a background with the Yxy color 14.0482, 0.2061, 0.2620.

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

14.0482, 0.2061, 0.2620

Protanopia

13.9649, 0.2647, 0.2619

Deuteranopia

13.9495, 0.2486, 0.2433



Tritanopia

13.9715, 0.2187, 0.3071

Trichromacy



Original Color

14.0482, 0.2061, 0.2620

Protanomaly

13.3716, 0.2295, 0.2592

Deuteranomaly

13.4296, 0.2223, 0.2476

Tritanomaly

13.9274, 0.2136, 0.2890

Monochromacy



Original Color

14.0482, 0.2061, 0.2620

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.7822, 0.2458, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0482, 0.2061, 0.2620 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(0, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 144)  
}
```

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(0, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 144) }
```

Border

The CSS property to change the border of an element to Yxy 14.0482, 0.2061, 0.2620 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(0, 114, 144) }
```

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

```
.border{ border-color:rgb(0, 114, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0482, 0.2061, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 144) }
```

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

```
.background{ background-color: rgb(0, 114,  
144) }
```

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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