

Converting Colors

$Y_{xy}(14.8262, 0.2705, 0.3186)$

Have a look what the booklet for
Yxy(14.8262, 0.2705, 0.3186)
contains.

Yxy(14.8884, 0.2707, 0.3200)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.8884, 0.2707, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	527175
RGB	82, 113, 117
RGB Percent	32%, 44%, 46%
CMY	0.6785, 0.5568, 0.5411
CMYK	0.30, 0.03, 0.00, 0.54
HSL	187°, 18%, 39%
HSV	187°, 30%, 46%
XYZ	12.5947, 14.8884, 19.0432
YIQ	104.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

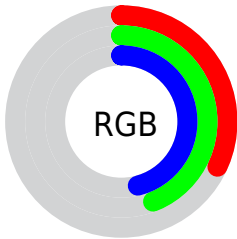
Format	Color
RYB	82, 98, 117
Decimal	5402997
CIELab	45.48, -10.09, -5.85
CIELCh	45, 11.665, 210.072
Yxy	14.8884, 0.2707, 0.3200
Android (android.graphics.Color)	4283593077 (0xFF527175)
YUV	104.1870, 6.3168, -19.4580
Hunter-Lab	38.5855, -9.2606, -2.2517

Details

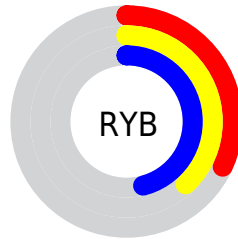
The Yxy color **14.8884, 0.2707, 0.3200** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.0447, 0.3727, 0.3378**, and the grayscale version is **13.8820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7614, 0.2812, 0.3228**, and **4.5676, 0.2515, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **14.1121, 0.2583, 0.3166**, and if you desaturate by 10%, it is **15.7597, 0.2841, 0.3232**.

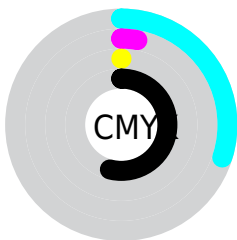
Distribution



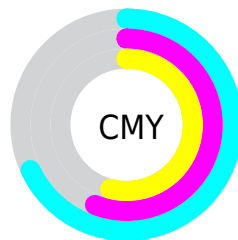
- Red (32%)
- Green (44%)
- Blue (46%)



- Red (32%)
- Yellow (38%)
- Blue (46%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (68%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8884, 0.2707, 0.3200 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 14.8884, 0.2707, 0.3200 by changing the saturation by 10% instead.

■ 14.8884, 0.2707,
0.3200

■ 14.8884, 0.2707,
0.3200

■ 222.6897, 0.2954,
0.3257

■ 8.7411, 0.2628,
0.3180

■ 34.6573, 0.2808,
0.3224

■ 4.5727, 0.2513,
0.3148

■ 49.0477, 0.2842,
0.3232

■ 1.9988, 0.2331,
0.3093

■ 66.9545, 0.2870,
0.3239

■ 0.6068, 0.1643,
0.3018

■ 88.7622, 0.2893,
0.3244

■ 0.0000, 0.0000,
0.0000

■ 114.8552, 0.2912,
0.3248

145.6179, 0.2928,

0.3251

181.4346, 0.2942,
0.3254

■ 14.8884, 0.2707,
0.3200

■ 14.8884, 0.2707,
0.3200

■ 14.1121, 0.2583,
0.3166

■ 15.7597, 0.2841,
0.3232

■ 13.4245, 0.2472,
0.3130

■ 16.7286, 0.2982,
0.3262

■ 12.8213, 0.2375,
0.3093

■ 17.7995, 0.3128,
0.3290

■ 12.2970, 0.2295,
0.3055

■ 18.9763, 0.3276,
0.3315

■ 11.8454, 0.2232,
0.3017

■ 20.2624, 0.3425,
0.3338

■ 11.4595, 0.2186,
0.2979

■ 21.6612, 0.3572,
0.3358

■ 11.1130, 0.2150,
0.2941

■ 23.1760, 0.3715,
0.3376

■ 11.1110, 0.2150,
0.2941

■ 24.8099, 0.3855,
0.3392

■ 26.5658, 0.3989,
0.3406

Harmonies

Analogous

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



14.8884, 0.2844, 0.3425



14.8884, 0.2707, 0.3200



14.8884, 0.2678, 0.3012

Triad

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



14.8884, 0.2707, 0.3200



14.8884, 0.3182, 0.2993



14.8884, 0.3497, 0.3679

Complementary

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



14.8884, 0.2707, 0.3200



11.0447, 0.3727, 0.3378

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.



14.8884, 0.3597, 0.3545



14.8884, 0.2707, 0.3200



14.8884, 0.3412, 0.3155

Square

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



14.8884, 0.2707, 0.3200



14.8884, 0.2945, 0.2903



14.8884, 0.3566, 0.3354



14.8884, 0.3298, 0.3710

Rectangle

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



14.8884, 0.2707, 0.3200



14.8884, 0.2723, 0.2931



14.8884, 0.3566, 0.3354



14.8884, 0.3543, 0.3644

Sweetspot

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



14.8890, 0.2707, 0.3200



30.0790, 0.2992, 0.3265



15.1819, 0.3050, 0.4027



6.8662, 0.2975, 0.3261



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.8890, 0.2707, 0.3200



25.6666, 0.2619, 0.3176



11.4417, 0.2666, 0.2806



4.0872, 0.2995, 0.3265



12.2251, 0.2150, 0.2939



58.7776, 0.2144, 0.2919

Inverse Universe

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



11.0063, 0.3222, 0.2659



17.5899, 0.3248, 0.2513



14.0918, 0.3629, 0.3730



3.7511, 0.3152, 0.3104



5.2581, 0.3508, 0.1706



25.5430, 0.3527, 0.1716

Previews

White Background



This preview shows how the Yxy color 14.8884, 0.2707, 0.3200 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 14.8884, 0.2707, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

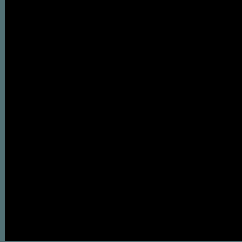
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

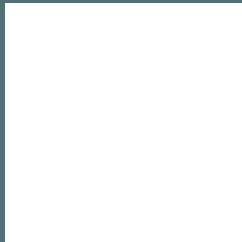
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.8884, 0.2707, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 14.8884, 0.2707, 0.3200.



This preview shows how white text looks on a background with the Yxy color 14.8884, 0.2707, 0.3200.

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

14.8884, 0.2707, 0.3200

Protanopia

14.8958, 0.3065, 0.3166

Deuteranopia

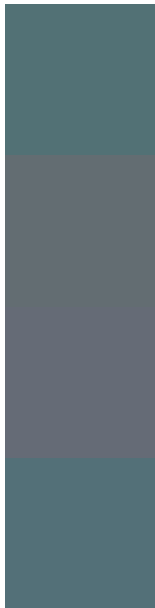
14.6773, 0.3045, 0.2987



Tritanopia

14.8078, 0.2675, 0.3092

Trichromacy



Original Color

14.8884, 0.2707, 0.3200

Protanomaly

14.8048, 0.2935, 0.3183

Deuteranomaly

14.5901, 0.2912, 0.3058

Tritanomaly

14.7834, 0.2685, 0.3113

Monochromacy



Original Color

14.8884, 0.2707, 0.3200

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.1063, 0.2955, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8884, 0.2707, 0.3200 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(82, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(82, 113, 117)  
}
```

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(82, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 113, 117) }
```

Border

The CSS property to change the border of an element to Yxy 14.8884, 0.2707, 0.3200 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(82, 113, 117) }
```

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

```
.border{ border-color:rgb(82, 113, 117) }
```

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

Here you see how a box with a 4 pixel rgb(82, 113, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(82, 113,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8884, 0.2707, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 113, 117) }
```

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

```
.background{ background-color: rgb(82, 113,  
117) }
```

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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