

Converting Colors

$Y_{xy}(14.5077, 0.2685, 0.3023)$

Have a look what the booklet for
Yxy(14.5077, 0.2685, 0.3023)
contains.

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Color

Yxy(14.4883, 0.2682, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	556E7A
RGB	85, 110, 122
RGB Percent	33%, 43%, 48%
CMY	0.6666, 0.5686, 0.5215
CMYK	0.30, 0.10, 0.00, 0.52
HSL	199°, 18%, 41%
HSV	199°, 30%, 48%
XYZ	12.8370, 14.4883, 20.5383
YIQ	103.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

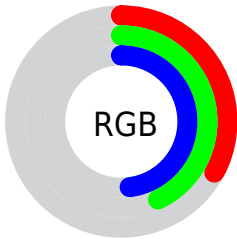
Format	Color
R _Y B	85, 100, 122
Decimal	5598842
CIE Lab	44.93, -6.07, -9.66
CIE LCh	45, 11.409, 237.828
Yxy	14.4883, 0.2682, 0.3027
Android (android.graphics.Color)	4283788922 (0xFF556E7A)
YUV	103.8930, 8.9268, -16.5692
Hunter-Lab	38.0635, -6.4116, -5.3472

Details

The Yxy color **14.4883, 0.2682, 0.3027** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3517, 0.3696, 0.3538**, and the grayscale version is **13.7940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1309, 0.2796, 0.3107**, and **4.3384, 0.2482, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **13.1296, 0.2541, 0.2925**, and if you desaturate by 10%, it is **15.9849, 0.2828, 0.3122**.

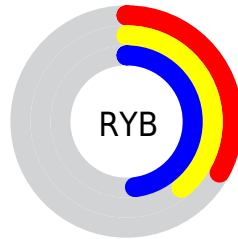
Distribution



Red (33%)

Green (43%)

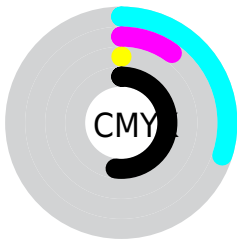
Blue (48%)



Red (33%)

Yellow (39%)

Blue (48%)

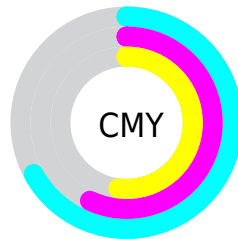


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4883, 0.2682, 0.3027 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 14.4883, 0.2682, 0.3027 by changing the saturation by 10% instead.

■ 14.4883, 0.2682,
0.3027

■ 14.4883, 0.2682,
0.3027

■ 220.2478, 0.2944,
0.3186

■ 8.4611, 0.2598,
0.2974

■ 33.9530, 0.2789,
0.3093

■ 4.3914, 0.2476,
0.2894

■ 48.1592, 0.2826,
0.3116

■ 1.8948, 0.2283,
0.2762

■ 65.8605, 0.2855,
0.3133

■ 0.5453, 0.1669,
0.2459

■ 87.4414, 0.2879,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 113.2861, 0.2899,
0.3160

143.7792, 0.2917,

0.3170

179.3049, 0.2931,
0.3179

■ 14.4883, 0.2682,
0.3027

■ 14.4883, 0.2682,
0.3027

■ 13.1296, 0.2541,
0.2925

■ 15.9849, 0.2828,
0.3122

■ 11.9016, 0.2408,
0.2817

■ 17.6229, 0.2975,
0.3209

■ 10.7988, 0.2285,
0.2703

■ 19.4078, 0.3122,
0.3288

■ 9.8146, 0.2177,
0.2586

■ 21.3441, 0.3267,
0.3359

■ 8.9417, 0.2086,
0.2467

■ 23.4362, 0.3407,
0.3422

■ 8.1716, 0.2013,
0.2348

■ 25.6883, 0.3542,
0.3479

■ 7.4969, 0.1954,
0.2233

■ 28.1043, 0.3671,
0.3529

■ 30.6883, 0.3793,
0.3573

■ 33.4438, 0.3909,
0.3611

Harmonies

Analogous

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



14.4883, 0.2719, 0.3217



14.4883, 0.2682, 0.3027



14.4883, 0.2758, 0.2916

Triad

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



14.4883, 0.2682, 0.3027



14.4883, 0.3393, 0.3143



14.4883, 0.3313, 0.3706

Complementary

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



14.4883, 0.2682, 0.3027



13.3517, 0.3696, 0.3538

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.



14.4883, 0.3503, 0.3668



14.4883, 0.2682, 0.3027



14.4883, 0.3553, 0.3338

Square

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



14.4883, 0.2682, 0.3027



14.4883, 0.3164, 0.2987



14.4883, 0.3593, 0.3529



14.4883, 0.3078, 0.3623

Rectangle

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



14.4883, 0.2682, 0.3027



14.4883, 0.2865, 0.2897



14.4883, 0.3593, 0.3529



14.4883, 0.3384, 0.3707

Sweetspot

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



14.4889, 0.2682, 0.3027



31.3287, 0.2992, 0.3218



16.7139, 0.2965, 0.3855



7.0805, 0.2974, 0.3208



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.4889, 0.2682, 0.3027



23.8912, 0.2589, 0.2961



10.9574, 0.2637, 0.2610



4.3033, 0.2994, 0.3219



7.8751, 0.1953, 0.2230



35.9672, 0.1936, 0.2170

Inverse Universe

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



11.7643, 0.3345, 0.2792



18.5043, 0.3406, 0.2682



17.1103, 0.3597, 0.3888



4.0564, 0.3182, 0.3147



5.0019, 0.4200, 0.2087



23.6981, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 14.4883, 0.2682, 0.3027 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 14.4883, 0.2682, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

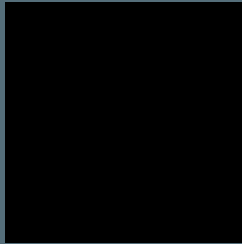
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4883, 0.2682, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 14.4883, 0.2682, 0.3027.

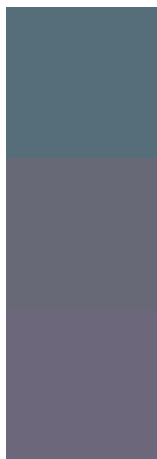


This preview shows how white text looks on a background with the Yxy color 14.4883, 0.2682, 0.3027.

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

14.4883, 0.2682, 0.3027

Protanopia

14.3781, 0.2938, 0.2998

Deuteranopia

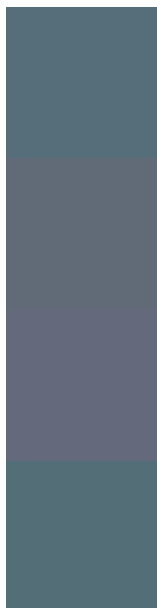
14.3187, 0.2942, 0.2883



Tritanopia

14.3686, 0.2702, 0.3090

Trichromacy



Original Color

14.4883, 0.2682, 0.3027

Protanomaly

14.4128, 0.2839, 0.3014

Deuteranomaly

14.4475, 0.2841, 0.2935

Tritanomaly

14.3927, 0.2691, 0.3069

Monochromacy



Original Color

14.4883, 0.2682, 0.3027

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.9972, 0.2943, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4883, 0.2682, 0.3027 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(85, 110, 122)` looks like.

```
.text, #text, p{  
  color:rgb(85, 110, 122)  
}
```

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(85, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 110, 122) }
```

Border

The CSS property to change the border of an element to Yxy 14.4883, 0.2682, 0.3027 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(85, 110, 122) }
```

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

```
.border{ border-color:rgb(85, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(85, 110,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4883, 0.2682, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 110, 122) }
```

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

```
.background{ background-color: rgb(85, 110,  
122) }
```

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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