

Converting Colors

$Yxy(41.5314, 0.2642, 0.3450)$

Have a look what the booklet for
Yxy(41.5314, 0.2642, 0.3450)
contains.

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Color

Yxy(41.5925, 0.2647, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	6FBAAF
RGB	111, 186, 175
RGB Percent	44%, 73%, 69%
CMY	0.5645, 0.2706, 0.3138
CMYK	0.40, 0.00, 0.06, 0.27
HSL	171°, 35%, 58%
HSV	171°, 40%, 73%
XYZ	31.8563, 41.5925, 46.8999
YIQ	162.3210, -41.1690, -19.3210

Conversions

Conversions Part 2

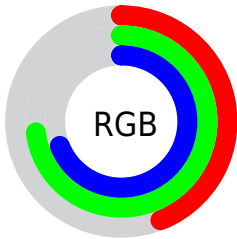
Format	Color
RYB	111, 151, 186
Decimal	7322287
CIELab	70.59, -25.91, -1.75
CIElCh	71, 25.974, 183.867
Yxy	41.5925, 0.2647, 0.3456
Android (android.graphics.Color)	4285512367 (0xFF6FBAAF)
YUV	162.3210, 6.2507, -45.0085
Hunter-Lab	64.4922, -24.6904, 2.0279

Details

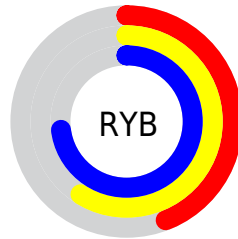
The Yxy color **41.5925, 0.2647, 0.3456** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.2265, 0.3978, 0.3137**, and the grayscale version is **36.2804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3244, 0.2737, 0.3427**, and **19.0750, 0.2508, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **40.4036, 0.2558, 0.3504**, and if you desaturate by 10%, it is **43.0381, 0.2751, 0.3410**.

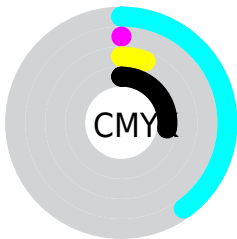
Distribution



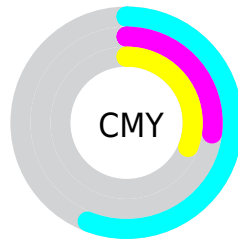
- Red (44%)
- Green (73%)
- Blue (69%)



- Red (44%)
- Yellow (59%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





- Cyan (56%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5925, 0.2647, 0.3456 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 41.5925, 0.2647, 0.3456 by changing the saturation by 10% instead.


 41.5925, 0.2647,
0.3456


 41.5925, 0.2647,
0.3456


352.7909, 0.2890,
0.3373


 28.7823, 0.2586,
0.3476


 77.5825, 0.2736,
0.3426

 18.9162, 0.2506,
0.3503


 101.5312, 0.2769,
0.3415

 11.6098, 0.2400,
0.3537


 129.9614, 0.2797,
0.3405

 6.4785, 0.2251,
0.3585

 163.2577, 0.2821,
0.3397

 3.1382, 0.2027,
0.3654

201.8044, 0.2842,
0.3390

 1.2043, 0.1527,
0.3819

245.9859, 0.2860,

 0.0652, 0.0000,

0.3384

0.2521

296.1866, 0.2876,
0.3378

0.0000, 0.0000,
0.0000

41.5925, 0.2647,
0.3456

41.5925, 0.2647,
0.3456

40.4036, 0.2558,
0.3504

43.0381, 0.2751,
0.3410

39.4508, 0.2485,
0.3554

44.7498, 0.2867,
0.3367

38.7182, 0.2431,
0.3606

46.7426, 0.2992,
0.3327

38.1858, 0.2396,
0.3658


49.0289, 0.3123,
0.3291

37.8303, 0.2380,
0.3709

51.6203, 0.3258,
0.3258

 37.6083, 0.2377,
0.3759

 54.5278, 0.3395,
0.3229

 57.7619, 0.3531,
0.3203

 60.4005, 0.3624,
0.3179

 60.5267, 0.3601,
0.3150

Harmonies

Analogous

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



41.5925, 0.2966, 0.3787



41.5925, 0.2647, 0.3456



41.5925, 0.2460, 0.3094

Triad

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



41.5925, 0.2647, 0.3456



41.5925, 0.2881, 0.2704



41.5925, 0.3862, 0.3711

Complementary

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



41.5925, 0.2647, 0.3456



23.2265, 0.3978, 0.3137

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.



41.5925, 0.3844, 0.3417



41.5925, 0.2647, 0.3456



41.5925, 0.3258, 0.2858

Square

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



41.5925, 0.2647, 0.3456



41.5925, 0.2588, 0.2685



41.5925, 0.3618, 0.3112



41.5925, 0.3673, 0.3919

Rectangle

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



41.5925, 0.2647, 0.3456



41.5925, 0.2427, 0.2896



41.5925, 0.3618, 0.3112



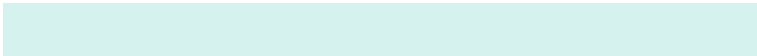
41.5925, 0.3880, 0.3618

Sweetspot

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



41.5942, 0.2647, 0.3456



83.9981, 0.2967, 0.3335



40.4246, 0.3157, 0.4478



18.3900, 0.2951, 0.3340



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.5942, 0.2647, 0.3456



73.5320, 0.2570, 0.3497



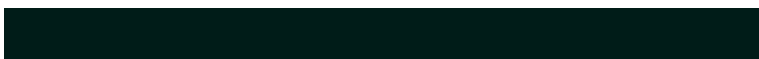
31.9892, 0.2516, 0.2879



10.1873, 0.3004, 0.3324



25.3114, 0.2376, 0.3752



0.8985, 0.2339, 0.3620

Inverse Universe

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



23.2265, 0.3978, 0.3137



35.8203, 0.4261, 0.3107



29.5601, 0.3977, 0.3661



9.0331, 0.3265, 0.3257



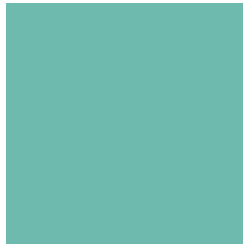
7.0844, 0.6176, 0.3176



0.2566, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 41.5925, 0.2647, 0.3456 looks on a white background.

Color Contrast Check

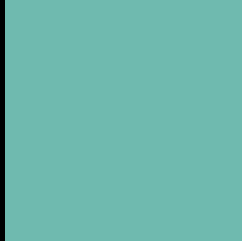
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.5925, 0.2647, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

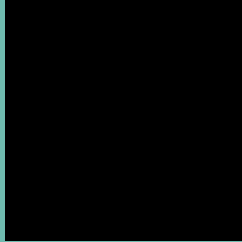
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

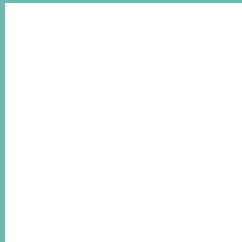
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5925, 0.2647, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 41.5925, 0.2647, 0.3456.



This preview shows how white text looks on a background with the Yxy color 41.5925, 0.2647, 0.3456.

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

41.5925, 0.2647, 0.3456

Protanopia

41.1091, 0.3215, 0.3359

Deuteranopia

41.2064, 0.3190, 0.3132



Tritanopia

41.6801, 0.2543, 0.3085

Trichromacy



Original Color

41.5925, 0.2647, 0.3456

Protanomaly

40.5906, 0.2977, 0.3390

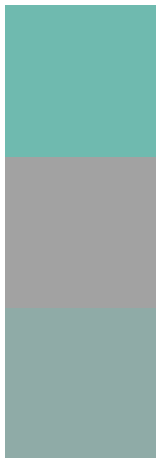
Deuteranomaly

40.7556, 0.2957, 0.3233

Tritanomaly

41.5999, 0.2581, 0.3215

Monochromacy



Original Color

41.5925, 0.2647, 0.3456

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.7555, 0.2915, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5925, 0.2647, 0.3456 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(111, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(111, 186, 175)  
}
```

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(111, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.5925, 0.2647, 0.3456 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(111, 186, 175) }
```

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

```
.border{ border-color:rgb(111, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(111, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5925, 0.2647, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 186, 175) }
```

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

```
.background{ background-color: rgb(111,  
186, 175) }
```

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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