

Converting Colors

$Yxy(41.5347, 0.2910, 0.3535)$

Have a look what the booklet for
Yxy(41.5347, 0.2910, 0.3535)
contains.

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Color

Yxy(41.7480, 0.2911, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	8CB6A5
RGB	140, 182, 165
RGB Percent	55%, 71%, 65%
CMY	0.4512, 0.2862, 0.3529
CMYK	0.23, 0.00, 0.09, 0.29
HSL	156°, 22%, 63%
HSV	156°, 23%, 71%
XYZ	34.3301, 41.7480, 41.8541
YIQ	167.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

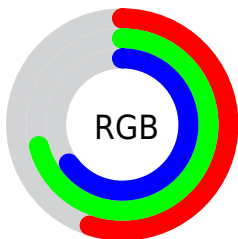
Format	Color
RYB	140, 166, 182
Decimal	9221797
CIELab	70.70, -17.61, 4.06
CIElCh	71, 18.074, 167.026
Yxy	41.7480, 0.2911, 0.3540
Android (android.graphics.Color)	4287411877 (0xFF8CB6A5)
YUV	167.5040, -1.2345, -24.1210
Hunter-Lab	64.6127, -18.2315, 6.8226

Details

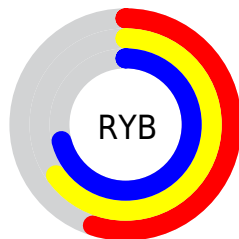
The Yxy color $41.7480, 0.2911, 0.3540$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.1220, 0.3409, 0.3054$, and the grayscale version is $38.9128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7857, 0.2951, 0.3491$, and $19.0166, 0.2849, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $40.0376, 0.2826, 0.3666$, and if you desaturate by 10%, it is $43.7388, 0.3002, 0.3425$.

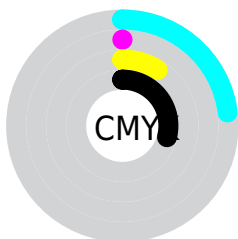
Distribution



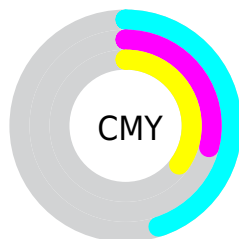
- Red (55%)
- Green (71%)
- Blue (65%)



- Red (55%)
- Yellow (65%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)




- Cyan (45%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7480, 0.2911, 0.3540 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 41.7480, 0.2911, 0.3540 by changing the saturation by 10% instead.


 41.7480, 0.2911,
0.3540


 41.7480, 0.2911,
0.3540


353.4372, 0.3022,
0.3411

 28.9040, 0.2882,
0.3574


 77.8181, 0.2952,
0.3492

 19.0082, 0.2845,
0.3618


 101.8130, 0.2967,
0.3474

 11.6762, 0.2794,
0.3679


 130.2937, 0.2980,
0.3459

 6.5236, 0.2720,
0.3767

163.6445, 0.2991,
0.3447

 3.1660, 0.2606,
0.3907

202.2499, 0.3000,
0.3436

 1.2190, 0.2381,
0.4173

246.4942, 0.3008,

 0.0771, 0.0000,

0.3426

1.0000

296.7618, 0.3016,
0.3418

0.0000, 0.0000,
0.0000

41.7480, 0.2911,
0.3540

41.7480, 0.2911,
0.3540

40.0376, 0.2826,
0.3666

43.7388, 0.3002,
0.3425

38.5893, 0.2751,
0.3803

46.0169, 0.3097,
0.3320

37.3905, 0.2689,
0.3948

48.5957, 0.3194,
0.3227

36.4258, 0.2642,
0.4100

51.4858, 0.3291,
0.3144


35.6776, 0.2613,
0.4256


54.6977, 0.3386,
0.3071

 35.1262, 0.2605,
0.4413

 58.2411, 0.3478,
0.3006

 34.7475, 0.2615,
0.4567

 59.7047, 0.3465,
0.2937

 34.5536, 0.2631,
0.4671

 60.0949, 0.3404,
0.2865

 60.5023, 0.3345,
0.2794

Harmonies

Analogous

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



41.7480, 0.3166, 0.3712



41.7480, 0.2911, 0.3540



41.7480, 0.2719, 0.3297

Triad

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



41.7480, 0.2911, 0.3540



41.7480, 0.2830, 0.2854



41.7480, 0.3647, 0.3482

Complementary

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



41.7480, 0.2911, 0.3540



31.1220, 0.3409, 0.3054

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.



41.7480, 0.3551, 0.3262



41.7480, 0.2911, 0.3540



41.7480, 0.3071, 0.2910

Square

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



41.7480, 0.2911, 0.3540



41.7480, 0.2673, 0.2906



41.7480, 0.3336, 0.3057



41.7480, 0.3597, 0.3664

Rectangle

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



41.7480, 0.2911, 0.3540



41.7480, 0.2648, 0.3136



41.7480, 0.3336, 0.3057



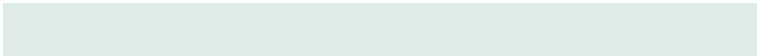
41.7480, 0.3631, 0.3410

Sweetspot

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



41.7497, 0.2911, 0.3540



81.6949, 0.3059, 0.3361



42.5694, 0.3248, 0.3899



17.9891, 0.3053, 0.3367



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.7497, 0.2911, 0.3540



73.9540, 0.2865, 0.3607



40.9925, 0.2787, 0.3238



10.1475, 0.3038, 0.3384



24.4111, 0.2626, 0.4653



0.8725, 0.2517, 0.4260

Inverse Universe

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



31.1220, 0.3409, 0.3054



51.1189, 0.3495, 0.2996



31.6218, 0.3583, 0.3341



9.0708, 0.3226, 0.3198



7.3803, 0.5330, 0.2710



0.2725, 0.4654, 0.2337

Previews

White Background



This preview shows how the Yxy color 41.7480, 0.2911, 0.3540 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 41.7480, 0.2911, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

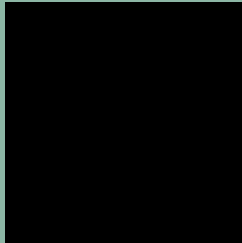
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7480, 0.2911, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 41.7480, 0.2911, 0.3540.



This preview shows how white text looks on a background with the Yxy color 41.7480, 0.2911, 0.3540.

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

41.7480, 0.2911, 0.3540

Protanopia

41.5920, 0.3302, 0.3468

Deuteranopia

41.5410, 0.3343, 0.3278



Tritanopia

41.6663, 0.2754, 0.3092

Trichromacy



Original Color

41.7480, 0.2911, 0.3540

Protanomaly

41.6232, 0.3152, 0.3501

Deuteranomaly

41.0657, 0.3169, 0.3359

Tritanomaly

41.4572, 0.2810, 0.3246

Monochromacy



Original Color

41.7480, 0.2911, 0.3540

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4263, 0.3043, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7480, 0.2911, 0.3540 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(140, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 165)  
}
```

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(140, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.7480, 0.2911, 0.3540 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(140, 182, 165) }
```

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

```
.border{ border-color:rgb(140, 182, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7480, 0.2911, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 165) }
```

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

```
.background{ background-color: rgb(140,  
182, 165) }
```

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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