

Converting Colors

$Yxy(30.2541, 0.2650, 0.3535)$

Have a look what the booklet for
Yxy(30.2541, 0.2650, 0.3535)
contains.

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Color

$\text{Yxy}(30.2541, 0.2650, 0.3535)$

Conversions

Conversions Part 1

Format	Color
Hex	5CA294
RGB	92, 162, 148
RGB Percent	36%, 64%, 58%
CMY	0.6391, 0.3647, 0.4197
CMYK	0.43, 0.00, 0.09, 0.36
HSL	168°, 28%, 50%
HSV	168°, 43%, 64%
XYZ	22.6799, 30.2541, 32.6505
YIQ	139.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

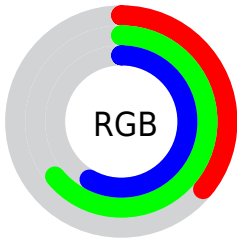
Format	Color
RYB	92, 131, 162
Decimal	6070932
CIELab	61.87, -25.53, 0.40
CIELCh	62, 25.536, 179.110
Yxy	30.2541, 0.2650, 0.3535
Android (android.graphics.Color)	4284261012 (0xFF5CA294)
YUV	139.4740, 4.2033, -41.6347
Hunter-Lab	55.0037, -22.6550, 3.3078

Details

The Yxy color **30.2541, 0.2650, 0.3535** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3833, 0.3995, 0.3068**, and the grayscale version is **26.0081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0010, 0.2747, 0.3483**, and **12.4270, 0.2494, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **29.4066, 0.2570, 0.3602**, and if you desaturate by 10%, it is **31.2853, 0.2745, 0.3471**.

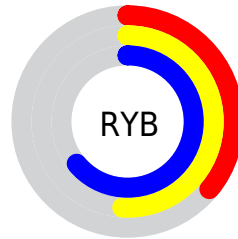
Distribution



Red (36%)

Green (64%)

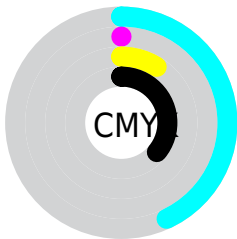
Blue (58%)



Red (36%)

Yellow (51%)

Blue (64%)

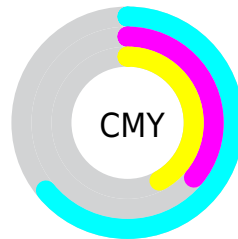


Cyan (43%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (64%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2541, 0.2650, 0.3535 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 30.2541, 0.2650, 0.3535 by changing the saturation by 10% instead.


 30.2541, 0.2650,
0.3535


 30.2541, 0.2650,
0.3535


303.0871, 0.2905,
0.3404


 20.0315, 0.2581,
0.3571


 60.0638, 0.2747,
0.3485

 12.4180, 0.2488,
0.3619


 80.4197, 0.2782,
0.3467

 7.0290, 0.2357,
0.3686


 104.9222, 0.2811,
0.3452

 3.4802, 0.2162,
0.3788

 133.9557, 0.2836,
0.3440

 1.3873, 0.1795,
0.3979

167.9045, 0.2857,
0.3429

 0.2073, 0.0000,
0.5115

207.1531, 0.2875,

 0.0000, 0.0000,

0.3419

0.0000

252.0858, 0.2891,
0.3411

■ 30.2541, 0.2650,
0.3535

■ 30.2541, 0.2650,
0.3535

■ 29.4066, 0.2570,
0.3602

■ 31.2853, 0.2745,
0.3471

■ 28.7276, 0.2506,
0.3672

■ 32.5072, 0.2851,
0.3411

■ 28.2057, 0.2461,
0.3744

■ 33.9305, 0.2966,
0.3356

■ 27.8260, 0.2434,
0.3816


■ 35.5643, 0.3088,
0.3305

■ 27.5711, 0.2426,
0.3887


■ 37.4170, 0.3213,
0.3259

 27.4400, 0.2427,
0.3936

 39.4967, 0.3339,
0.3218

 41.8110, 0.3466,
0.3182

 44.3670, 0.3590,
0.3150

 47.1717, 0.3711,
0.3122

Harmonies

Analogous

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



30.2541, 0.3013, 0.3882



30.2541, 0.2650, 0.3535



30.2541, 0.2422, 0.3132

Triad

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



30.2541, 0.2650, 0.3535



30.2541, 0.2799, 0.2641



30.2541, 0.3943, 0.3698

Complementary

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



30.2541, 0.2650, 0.3535



16.3833, 0.3995, 0.3068

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.



30.2541, 0.3886, 0.3371



30.2541, 0.2650, 0.3535



30.2541, 0.3202, 0.2786

Square

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



30.2541, 0.2650, 0.3535



30.2541, 0.2504, 0.2644



30.2541, 0.3608, 0.3046



30.2541, 0.3767, 0.3949

Rectangle

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



30.2541, 0.2650, 0.3535



30.2541, 0.2367, 0.2903



30.2541, 0.3608, 0.3046



30.2541, 0.3951, 0.3593

Sweetspot

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



30.2553, 0.2650, 0.3535



61.5820, 0.2965, 0.3356



29.7520, 0.3199, 0.4545



13.7008, 0.2940, 0.3368



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.2553, 0.2650, 0.3535



53.4129, 0.2571, 0.3601



24.2843, 0.2495, 0.2936



7.9868, 0.3013, 0.3335



21.6239, 0.2425, 0.3930



0.4602, 0.2353, 0.3671

Inverse Universe

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



16.3833, 0.3995, 0.3068



24.8143, 0.4311, 0.3023



20.0116, 0.4080, 0.3610



7.1081, 0.3255, 0.3245



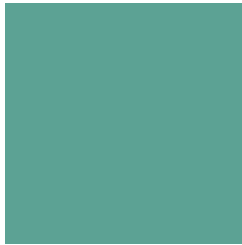
6.1410, 0.6033, 0.3097



0.1350, 0.5160, 0.2616

Previews

White Background



This preview shows how the Yxy color 30.2541, 0.2650, 0.3535 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 30.2541, 0.2650, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

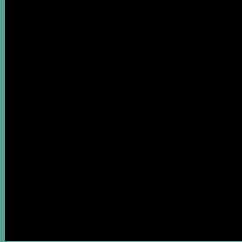
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2541, 0.2650, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 30.2541, 0.2650, 0.3535.

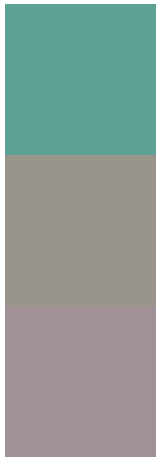


This preview shows how white text looks on a background with the Yxy color 30.2541, 0.2650, 0.3535.

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

30.2541, 0.2650, 0.3535

Protanopia

29.8456, 0.3257, 0.3416

Deuteranopia

29.8949, 0.3239, 0.3170



Tritanopia

30.3332, 0.2524, 0.3089

Trichromacy



Original Color

30.2541, 0.2650, 0.3535

Protanomaly

29.5909, 0.3002, 0.3455

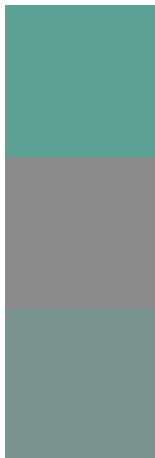
Deuteranomaly

29.6859, 0.2989, 0.3290

Tritanomaly

30.2728, 0.2567, 0.3237

Monochromacy



Original Color

30.2541, 0.2650, 0.3535

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.9580, 0.2923, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2541, 0.2650, 0.3535 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(92, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(92, 162, 148)  
}
```

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(92, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 162, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.2541, 0.2650, 0.3535 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(92, 162, 148) }
```

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

```
.border{ border-color:rgb(92, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(92, 162,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2541, 0.2650, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 162, 148) }
```

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

```
.background{ background-color: rgb(92, 162,  
148) }
```

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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