

Converting Colors

$Yxy(25.5485, 0.2662, 0.3652)$

Have a look what the booklet for
Yxy(25.5485, 0.2662, 0.3652)
contains.

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Color

$Y_{xy}(25.5485, 0.2662, 0.3652)$

Conversions

Conversions Part 1

Format	Color
Hex	519784
RGB	81, 151, 132
RGB Percent	32%, 59%, 52%
CMY	0.6825, 0.4078, 0.4823
CMYK	0.46, 0.00, 0.13, 0.41
HSL	164°, 30%, 45%
HSV	164°, 46%, 59%
XYZ	18.6227, 25.5485, 25.7864
YIQ	127.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

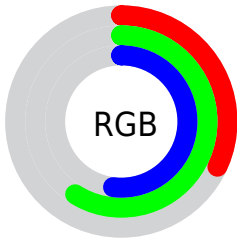
Format	Color
R_{YB}	81, 121, 151
Decimal	5347204
CIE _{Lab}	57.61, -26.86, 3.17
CIE _{LCh}	58, 27.048, 173.274
Yxy	25.5485, 0.2662, 0.3652
Android (android.graphics.Color)	4283537284 (0xFF519784)
YUV	127.9040, 2.0193, -41.1348
Hunter-Lab	50.5455, -22.6892, 5.1344

Details

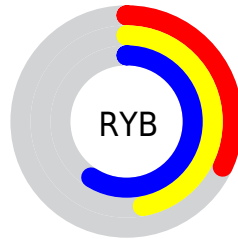
The Yxy color **25.5485, 0.2662, 0.3652** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.3769, 0.3995, 0.2969**, and the grayscale version is **21.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7137, 0.2760, 0.3579**, and **9.9455, 0.2486, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **24.8455, 0.2593, 0.3746**, and if you desaturate by 10%, it is **26.4063, 0.2746, 0.3563**.

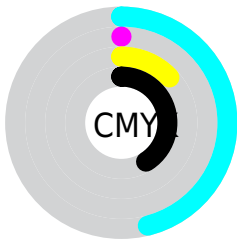
Distribution



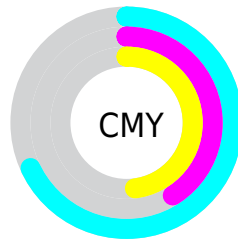
- Red (32%)
- Green (59%)
- Blue (52%)



- Red (32%)
- Yellow (47%)
- Blue (59%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (68%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5485, 0.2662, 0.3652 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 25.5485, 0.2662, 0.3652 by changing the saturation by 10% instead.


 25.5485, 0.2662,
0.3652


 25.5485, 0.2662,
0.3652


280.5586, 0.2919,
0.3450


 16.4862, 0.2589,
0.3711


 52.5457, 0.2762,
0.3573


 9.8688, 0.2488,
0.3793


 71.2493, 0.2797,
0.3545


 5.3121, 0.2342,
0.3913

 93.9355, 0.2826,
0.3522

 2.4315, 0.2111,
0.4109

 120.9886, 0.2851,
0.3503

 0.8420, 0.0860,
0.5006

 152.7931, 0.2872,
0.3487

 0.0000, 0.0000,
0.0000

189.7333, 0.2889,

0.3473

232.1937, 0.2905,
0.3461

■ 25.5485, 0.2662,
0.3652

■ 25.5485, 0.2662,
0.3652

■ 24.8455, 0.2593,
0.3746

■ 26.4063, 0.2746,
0.3563

■ 24.2842, 0.2540,
0.3843

■ 27.4249, 0.2841,
0.3479

■ 23.8544, 0.2505,
0.3943


■ 28.6136, 0.2945,
0.3402


■ 23.5431, 0.2490,
0.4043

■ 29.9803, 0.3055,
0.3332

■ 23.3309, 0.2492,
0.4142


■ 31.5323, 0.3168,
0.3268

 23.2633, 0.2494,
0.4178

 33.2764, 0.3284,
0.3210

 35.2192, 0.3398,
0.3160

 37.3668, 0.3512,
0.3115

 39.7253, 0.3622,
0.3075

Harmonies

Analogous

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



25.5485, 0.3084, 0.4013



25.5485, 0.2662, 0.3652



25.5485, 0.2376, 0.3193

Triad

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



25.5485, 0.2662, 0.3652



25.5485, 0.2684, 0.2557



25.5485, 0.4050, 0.3671

Complementary

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



25.5485, 0.2662, 0.3652



13.3769, 0.3995, 0.2969

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.



25.5485, 0.3936, 0.3303



25.5485, 0.2662, 0.3652



25.5485, 0.3116, 0.2689

Square

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



25.5485, 0.2662, 0.3652



25.5485, 0.2390, 0.2591



25.5485, 0.3583, 0.2954



25.5485, 0.3897, 0.3980

Rectangle

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



25.5485, 0.2662, 0.3652



25.5485, 0.2291, 0.2921



25.5485, 0.3583, 0.2954



25.5485, 0.4043, 0.3550

Sweetspot

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



25.5495, 0.2662, 0.3652



51.7273, 0.2968, 0.3387



25.4844, 0.3246, 0.4622



11.6513, 0.2946, 0.3401



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.5495, 0.2662, 0.3652



44.4084, 0.2588, 0.3753



21.5422, 0.2473, 0.3000



6.9980, 0.3023, 0.3351



19.7933, 0.2492, 0.4172



0.3019, 0.2370, 0.3733

Inverse Universe

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



13.3769, 0.3995, 0.2969



19.7670, 0.4321, 0.2907



15.5632, 0.4209, 0.3552



6.2488, 0.3243, 0.3230



5.7372, 0.5808, 0.2973



0.0913, 0.4772, 0.2403

Previews

White Background



This preview shows how the Yxy color 25.5485, 0.2662, 0.3652 looks on a white 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

Black Background



This preview shows how the Yxy color 25.5485, 0.2662, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

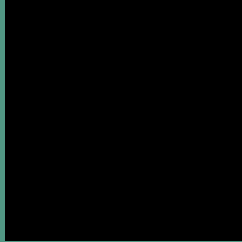
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5485, 0.2662, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 25.5485, 0.2662, 0.3652.

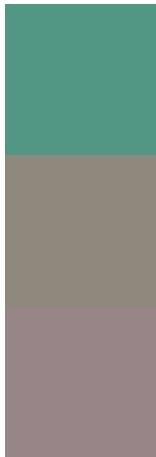


This preview shows how white text looks on a background with the Yxy color 25.5485, 0.2662, 0.3652.

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

25.5485, 0.2662, 0.3652

Protanopia

25.2116, 0.3321, 0.3492

Deuteranopia

25.2280, 0.3313, 0.3242



Tritanopia

25.4945, 0.2510, 0.3074

Trichromacy



Original Color

25.5485, 0.2662, 0.3652

Protanomaly

24.8976, 0.3031, 0.3541

Deuteranomaly

24.9411, 0.3027, 0.3377

Tritanomaly

25.3282, 0.2563, 0.3270

Monochromacy



Original Color

25.5485, 0.2662, 0.3652

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.5728, 0.2927, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5485, 0.2662, 0.3652 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(81, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(81, 151, 132)  
}
```

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(81, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 151, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.5485, 0.2662, 0.3652 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(81, 151, 132) }
```

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

```
.border{ border-color:rgb(81, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(81, 151,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5485, 0.2662, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 151, 132) }
```

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

```
.background{ background-color: rgb(81, 151,  
132) }
```

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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