

Converting Colors

$Y_{xy}(25.7379, 0.2536, 0.3291)$

Have a look what the booklet for
Yxy(25.7379, 0.2536, 0.3291)
contains.

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Color

Yxy(25.8085, 0.2534, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	529696
RGB	82, 150, 150
RGB Percent	32%, 59%, 59%
CMY	0.6785, 0.4117, 0.4117
CMYK	0.45, 0.00, 0.00, 0.41
HSL	180°, 29%, 45%
HSV	180°, 45%, 59%
XYZ	19.8901, 25.8085, 32.7944
YIQ	129.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

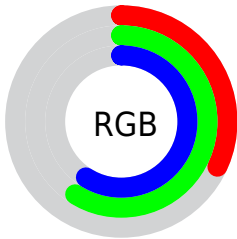
Format	Color
RYB	82, 116, 150
Decimal	5412502
CIELab	57.85, -21.49, -6.73
CIELCh	58, 22.519, 197.382
Yxy	25.8085, 0.2534, 0.3288
Android (android.graphics.Color)	4283602582 (0xFF529696)
YUV	129.6680, 10.0237, -41.8048
Hunter-Lab	50.8021, -19.0169, -2.7122

Details

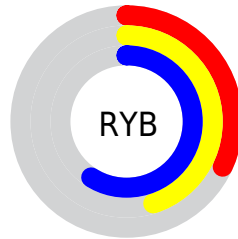
The Yxy color **25.8085, 0.2534, 0.3288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.1268, 0.4295, 0.3294**, and the grayscale version is **22.1731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7796, 0.2657, 0.3289**, and **10.0312, 0.2332, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **25.2083, 0.2442, 0.3288**, and if you desaturate by 10%, it is **26.5578, 0.2642, 0.3288**.

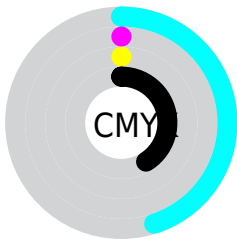
Distribution



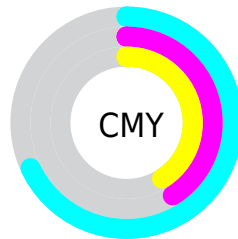
- Red (32%)
- Green (59%)
- Blue (59%)



- Red (32%)
- Yellow (45%)
- Blue (59%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8085, 0.2534, 0.3288 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 25.8085, 0.2534, 0.3288 by changing the saturation by 10% instead.


 25.8085, 0.2534,
0.3288


 25.8085, 0.2534,
0.3288

281.8408, 0.2855,
0.3295


 16.6804, 0.2445,
0.3283


 52.9658, 0.2657,
0.3292


 10.0069, 0.2326,
0.3275


 71.7639, 0.2701,
0.3294


 5.4035, 0.2157,
0.3260

 94.5541, 0.2737,
0.3294

 2.4859, 0.1901,
0.3226

 121.7208, 0.2768,
0.3295

 0.8696, 0.1134,
0.3265

 153.6485, 0.2795,
0.3295

 0.0000, 0.0000,
0.0000

190.7214, 0.2817,

0.3295

233.3240, 0.2837,
0.3295

■ 25.8085, 0.2534,
0.3288

■ 25.8085, 0.2534,
0.3288

■ 25.2083, 0.2442,
0.3288

■ 26.5578, 0.2642,
0.3288

■ 24.7444, 0.2368,
0.3287

■ 27.4618, 0.2766,
0.3289

■ 24.4070, 0.2313,
0.3287


■ 28.5299, 0.2901,
0.3289


■ 24.1835, 0.2276,
0.3287

■ 29.7694, 0.3046,
0.3290

■ 24.0574, 0.2254,
0.3287

■ 31.1875, 0.3198,
0.3290

 24.0121, 0.2246,
0.3287

 32.7909, 0.3354,
0.3291

 34.5860, 0.3512,
0.3291

 36.5787, 0.3669,
0.3292

 38.7748, 0.3823,
0.3292

Harmonies

Analogous

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



25.8085, 0.2805, 0.3657



25.8085, 0.2534, 0.3288



25.8085, 0.2418, 0.2948

Triad

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



25.8085, 0.2534, 0.3288



25.8085, 0.3044, 0.2751



25.8085, 0.3810, 0.3828

Complementary

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



25.8085, 0.2534, 0.3288



13.1268, 0.4295, 0.3294

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.



25.8085, 0.3892, 0.3558



25.8085, 0.2534, 0.3288



25.8085, 0.3434, 0.2958

Square

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



25.8085, 0.2534, 0.3288



25.8085, 0.2698, 0.2666



25.8085, 0.3752, 0.3245



25.8085, 0.3542, 0.3973

Rectangle

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



25.8085, 0.2534, 0.3288



25.8085, 0.2438, 0.2786



25.8085, 0.3752, 0.3245



25.8085, 0.3861, 0.3748

Sweetspot

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



25.8095, 0.2534, 0.3288



50.5578, 0.2917, 0.3289



24.2197, 0.3063, 0.4663



11.1157, 0.2889, 0.3289



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.8095, 0.2534, 0.3288



44.5033, 0.2445, 0.3288



16.4848, 0.2419, 0.2619



6.5621, 0.2990, 0.3290



19.9100, 0.2246, 0.3287



0.2437, 0.2247, 0.3287

Inverse Universe

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



14.7183, 0.3178, 0.2216



22.4975, 0.3187, 0.2020



19.5841, 0.4020, 0.3869



5.9092, 0.3137, 0.3072



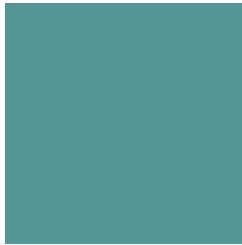
7.2033, 0.3210, 0.1542



0.0882, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 25.8085, 0.2534, 0.3288 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 25.8085, 0.2534, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

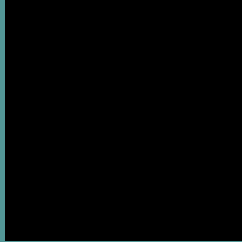
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8085, 0.2534, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 25.8085, 0.2534, 0.3288.



This preview shows how white text looks on a background with the Yxy color 25.8085, 0.2534, 0.3288.

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

25.8085, 0.2534, 0.3288

Protanopia

25.6189, 0.3098, 0.3223

Deuteranopia

25.6476, 0.3053, 0.3001



Tritanopia

25.6492, 0.2478, 0.3074

Trichromacy



Original Color

25.8085, 0.2534, 0.3288

Protanomaly

25.2419, 0.2854, 0.3237

Deuteranomaly

25.1607, 0.2828, 0.3084

Tritanomaly

25.7800, 0.2502, 0.3162

Monochromacy



Original Color

25.8085, 0.2534, 0.3288

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2082, 0.2873, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8085, 0.2534, 0.3288 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(82, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(82, 150, 150)  
}
```

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(82, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 150, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.8085, 0.2534, 0.3288 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(82, 150, 150) }
```

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

```
.border{ border-color:rgb(82, 150, 150) }
```

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

Here you see how a box with a 4 pixel rgb(82, 150, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(82, 150,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8085, 0.2534, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 150, 150) }
```

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

```
.background{ background-color: rgb(82, 150,  
150) }
```

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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