

Converting Colors

$Y_{xy}(25.3841, 0.2679, 0.3481)$

Have a look what the booklet for
Yxy(25.3841, 0.2679, 0.3481)
contains.

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Color

$Y_{xy}(25.5035, 0.2679, 0.3494)$

Conversions

Conversions Part 1

Format	Color
Hex	5A958A
RGB	90, 149, 138
RGB Percent	35%, 58%, 54%
CMY	0.6468, 0.4157, 0.4588
CMYK	0.40, 0.00, 0.07, 0.42
HSL	169°, 25%, 47%
HSV	169°, 40%, 58%
XYZ	19.5546, 25.5035, 27.9341
YIQ	130.1050, -31.6330, -15.9290

Conversions

Conversions Part 2

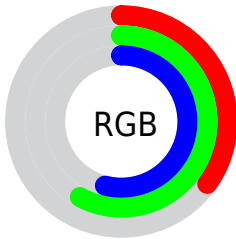
Format	Color
R_{YB}	90, 123, 149
Decimal	5936522
CIE _{Lab}	57.56, -21.91, -0.25
CIE _{LCh}	58, 21.911, 180.656
Yxy	25.5035, 0.2679, 0.3494
Android (android.graphics.Color)	4284126602 (0xFF5A958A)
YUV	130.1050, 3.8922, -35.1721
Hunter-Lab	50.5010, -19.2592, 2.5550

Details

The Yxy color **25.5035, 0.2679, 0.3494** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.6511, 0.3896, 0.3101**, and the grayscale version is **22.3610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3131, 0.2777, 0.3451**, and **9.8520, 0.2515, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **24.7507, 0.2592, 0.3555**, and if you desaturate by 10%, it is **26.4102, 0.2779, 0.3437**.

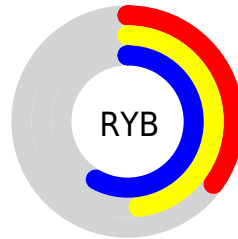
Distribution



Red (35%)

Green (58%)

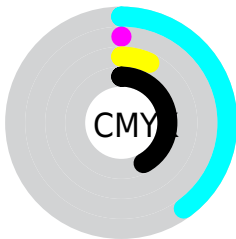
Blue (54%)



Red (35%)

Yellow (48%)

Blue (58%)

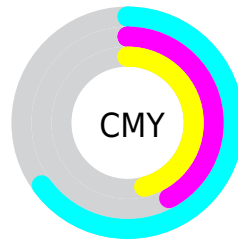


Cyan (40%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (65%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5035, 0.2679, 0.3494 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 25.5035, 0.2679, 0.3494 by changing the saturation by 10% instead.


 25.5035, 0.2679,
0.3494


 25.5035, 0.2679,
0.3494


280.3362, 0.2925,
0.3383

 16.4526, 0.2610,
0.3525

 52.4729, 0.2774,
0.3451


 9.8450, 0.2515,
0.3568


 71.1601, 0.2808,
0.3436

 5.2963, 0.2378,
0.3630

 93.8283, 0.2836,
0.3423

 2.4221, 0.2164,
0.3726

 120.8617, 0.2859,
0.3412

 0.8372, 0.1287,
0.4130

152.6448, 0.2879,
0.3403

 0.0000, 0.0000,
0.0000

189.5620, 0.2896,

0.3395

231.9977, 0.2911,
0.3389

■ 25.5035, 0.2679,
0.3494

■ 25.5035, 0.2679,
0.3494

■ 24.7507, 0.2592,
0.3555

■ 26.4102, 0.2779,
0.3437

■ 24.1398, 0.2521,
0.3618

■ 27.4760, 0.2890,
0.3383

■ 23.6617, 0.2467,
0.3683

■ 28.7095, 0.3009,
0.3333

■ 23.3052, 0.2432,
0.3749

■ 30.1181, 0.3133,
0.3288

■ 23.0572, 0.2415,
0.3815

■ 31.7083, 0.3260,
0.3247

■ 22.8857, 0.2412,
0.3881

■ 33.4867, 0.3388,
0.3211

■ 22.8784, 0.2412,
0.3884

■ 35.4592, 0.3515,
0.3179

■ 37.6316, 0.3640,
0.3150

■ 40.0096, 0.3761,
0.3126

Harmonies

Analogous

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



25.5035, 0.3006, 0.3811



25.5035, 0.2679, 0.3494



25.5035, 0.2476, 0.3131

Triad

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



25.5035, 0.2679, 0.3494



25.5035, 0.2847, 0.2699



25.5035, 0.3865, 0.3680

Complementary

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



25.5035, 0.2679, 0.3494



14.6511, 0.3896, 0.3101

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.



25.5035, 0.3824, 0.3383



25.5035, 0.2679, 0.3494



25.5035, 0.3216, 0.2839

Square

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



25.5035, 0.2679, 0.3494



25.5035, 0.2569, 0.2696



25.5035, 0.3580, 0.3083



25.5035, 0.3697, 0.3899

Rectangle

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



25.5035, 0.2679, 0.3494



25.5035, 0.2432, 0.2926



25.5035, 0.3580, 0.3083



25.5035, 0.3876, 0.3585

Sweetspot

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



25.5045, 0.2679, 0.3494



50.7955, 0.2976, 0.3346



25.0480, 0.3186, 0.4420



11.1999, 0.2962, 0.3352



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.



25.5045, 0.2679, 0.3494



44.5276, 0.2605, 0.3545



20.6628, 0.2545, 0.2954



6.5439, 0.3013, 0.3332



19.2608, 0.2411, 0.3880



0.2396, 0.2324, 0.3565

Inverse Universe

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



14.6511, 0.3896, 0.3101



22.4357, 0.4150, 0.3064



17.7977, 0.3958, 0.3598



5.8320, 0.3255, 0.3249



5.4510, 0.6059, 0.3112



0.0700, 0.5134, 0.2602

Previews

White Background



This preview shows how the Yxy color 25.5035, 0.2679, 0.3494 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 25.5035, 0.2679, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

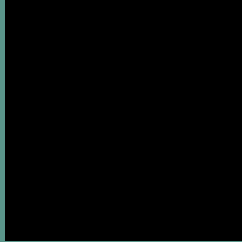
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5035, 0.2679, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 25.5035, 0.2679, 0.3494.



This preview shows how white text looks on a background with the Yxy color 25.5035, 0.2679, 0.3494.

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

25.5035, 0.2679, 0.3494

Protanopia

25.2808, 0.3246, 0.3391

Deuteranopia

25.0877, 0.3224, 0.3161



Tritanopia

25.4593, 0.2558, 0.3076

Trichromacy



Original Color

25.5035, 0.2679, 0.3494

Protanomaly

24.9819, 0.3005, 0.3413

Deuteranomaly

24.9479, 0.3000, 0.3272

Tritanomaly

25.4290, 0.2597, 0.3216

Monochromacy



Original Color

25.5035, 0.2679, 0.3494

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2296, 0.2931, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5035, 0.2679, 0.3494 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(90, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(90, 149, 138)  
}
```

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(90, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 149, 138) }
```

Border

The CSS property to change the border of an element to Yxy 25.5035, 0.2679, 0.3494 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(90, 149, 138) }
```

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

```
.border{ border-color:rgb(90, 149, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(90, 149,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5035, 0.2679, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 149, 138) }
```

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

```
.background{ background-color: rgb(90, 149,  
138) }
```

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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