

Converting Colors

$Y_{xy}(25.7612, 0.2603, 0.3318)$

Have a look what the booklet for
Yxy(25.7612, 0.2603, 0.3318)
contains.

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Color

$Y_{xy}(25.7253, 0.2602, 0.3325)$

Conversions

Conversions Part 1

Format	Color
Hex	599593
RGB	89, 149, 147
RGB Percent	35%, 58%, 58%
CMY	0.6511, 0.4157, 0.4235
CMYK	0.40, 0.00, 0.01, 0.42
HSL	178°, 25%, 47%
HSV	178°, 40%, 58%
XYZ	20.1315, 25.7253, 31.5125
YIQ	130.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

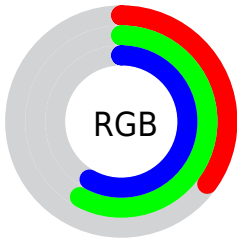
Format	Color
R_{YB}	89, 120, 149
Decimal	5870995
CIE _{Lab}	57.78, -19.95, -5.09
CIE _{LCh}	58, 20.592, 194.323
Yxy	25.7253, 0.2602, 0.3325
Android (android.graphics.Color)	4284061075 (0xFF599593)
YUV	130.8320, 7.9708, -36.6867
Hunter-Lab	50.7201, -17.9111, -1.3329

Details

The Yxy color **25.7253, 0.2602, 0.3325** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.2834, 0.4072, 0.3258**, and the grayscale version is **22.6120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6797, 0.2710, 0.3315**, and **9.9735, 0.2411, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **25.0471, 0.2504, 0.3335**, and if you desaturate by 10%, it is **26.5548, 0.2715, 0.3315**.

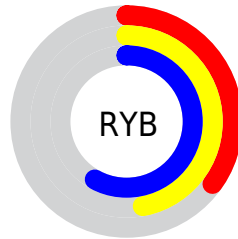
Distribution



Red (35%)

Green (58%)

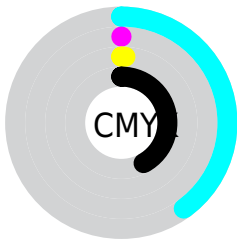
Blue (58%)



Red (35%)

Yellow (47%)

Blue (58%)

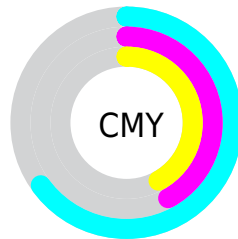


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (65%)

Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7253, 0.2602, 0.3325 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 25.7253, 0.2602, 0.3325 by changing the saturation by 10% instead.


 25.7253, 0.2602,
0.3325


 25.7253, 0.2602,
0.3325


281.4310, 0.2887,
0.3310


 16.6182, 0.2523,
0.3327


 52.8315, 0.2711,
0.3321


 9.9627, 0.2415,
0.3329


 71.5993, 0.2751,
0.3319

 5.3742, 0.2263,
0.3329

 94.3563, 0.2783,
0.3317

 2.4685, 0.2028,
0.3321

 121.4867, 0.2810,
0.3315

 0.8608, 0.1312,
0.3410

153.3750, 0.2834,
0.3314

 0.0000, 0.0000,
0.0000

190.4056, 0.2854,

0.3312

232.9627, 0.2872,
0.3311

■ 25.7253, 0.2602,
0.3325

■ 25.7253, 0.2602,
0.3325

■ 25.0471, 0.2504,
0.3335

■ 26.5548, 0.2715,
0.3315

■ 24.5081, 0.2423,
0.3345

■ 27.5408, 0.2842,
0.3306

■ 24.0992, 0.2360,
0.3356


■ 28.6921, 0.2978,
0.3298


■ 23.8091, 0.2316,
0.3367

■ 30.0158, 0.3123,
0.3290


■ 23.6245, 0.2289,
0.3377

■ 31.5188, 0.3272,
0.3283

 23.5127, 0.2274,
0.3387

 33.2073, 0.3424,
0.3277

 35.0875, 0.3576,
0.3272

 37.1653, 0.3726,
0.3267

 39.4460, 0.3873,
0.3263

Harmonies

Analogous

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



25.7253, 0.2864, 0.3655



25.7253, 0.2602, 0.3325



25.7253, 0.2479, 0.3007

Triad

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



25.7253, 0.2602, 0.3325



25.7253, 0.3017, 0.2779



25.7253, 0.3769, 0.3765

Complementary

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



25.7253, 0.2602, 0.3325



14.2834, 0.4072, 0.3258

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.



25.7253, 0.3822, 0.3511



25.7253, 0.2602, 0.3325



25.7253, 0.3374, 0.2961

Square

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



25.7253, 0.2602, 0.3325



25.7253, 0.2707, 0.2715



25.7253, 0.3675, 0.3222



25.7253, 0.3540, 0.3909

Rectangle

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



25.7253, 0.2602, 0.3325



25.7253, 0.2486, 0.2848



25.7253, 0.3675, 0.3222



25.7253, 0.3809, 0.3688

Sweetspot

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



25.7263, 0.2602, 0.3325



50.9529, 0.2951, 0.3300



24.4403, 0.3090, 0.4478



11.2380, 0.2935, 0.3300



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.



25.7263, 0.2602, 0.3325



44.9971, 0.2516, 0.3334



17.9636, 0.2505, 0.2747



6.5589, 0.2994, 0.3297



19.7878, 0.2274, 0.3387



0.2430, 0.2259, 0.3333

Inverse Universe

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



14.2834, 0.4072, 0.3258



21.7036, 0.4394, 0.3252



19.8297, 0.3910, 0.3772



5.8183, 0.3277, 0.3283



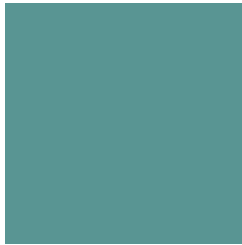
5.3878, 0.6351, 0.3272



0.0666, 0.6114, 0.3142

Previews

White Background



This preview shows how the Yxy color 25.7253, 0.2602, 0.3325 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 25.7253, 0.2602, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

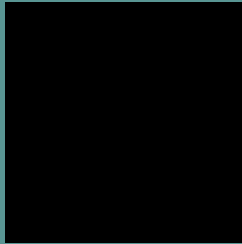
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7253, 0.2602, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 25.7253, 0.2602, 0.3325.

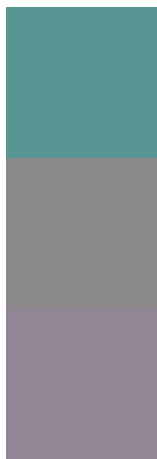


This preview shows how white text looks on a background with the Yxy color 25.7253, 0.2602, 0.3325.

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

25.7253, 0.2602, 0.3325

Protanopia

25.3602, 0.3130, 0.3240

Deuteranopia

25.3632, 0.3095, 0.3033



Tritanopia

25.6460, 0.2531, 0.3075

Trichromacy



Original Color

25.7253, 0.2602, 0.3325

Protanomaly

25.0979, 0.2900, 0.3254

Deuteranomaly

24.9951, 0.2884, 0.3119

Tritanomaly

25.7705, 0.2555, 0.3163

Monochromacy



Original Color

25.7253, 0.2602, 0.3325

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6961, 0.2904, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7253, 0.2602, 0.3325 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(89, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(89, 149, 147)  
}
```

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(89, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 149, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.7253, 0.2602, 0.3325 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(89, 149, 147) }
```

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

```
.border{ border-color:rgb(89, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(89, 149,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7253, 0.2602, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 149, 147) }
```

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

```
.background{ background-color: rgb(89, 149,  
147) }
```

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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