

Converting Colors

$Y_{xy}(25.2455, 0.2680, 0.3217)$

Have a look what the booklet for
Yxy(25.2455, 0.2680, 0.3217)
contains.

Yxy(25.2455, 0.2680, 0.3217)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Yxy(25.2455, 0.2680, 0.3217)$

Conversions

Conversions Part 1

Format	Color
Hex	669195
RGB	102, 145, 149
RGB Percent	40%, 57%, 58%
CMY	0.5999, 0.4314, 0.4157
CMYK	0.32, 0.03, 0.00, 0.42
HSL	185°, 19%, 49%
HSV	185°, 32%, 58%
XYZ	21.0314, 25.2455, 32.1984
YIQ	132.5990, -26.9120, -7.8720

Conversions

Conversions Part 2

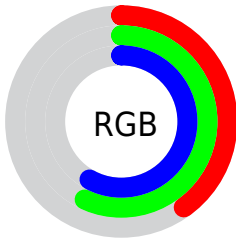
Format	Color
R_{YB}	102, 124, 149
Decimal	6721941
CIE _{Lab}	57.31, -13.59, -6.84
CIE _{LCh}	57, 15.212, 206.733
Yxy	25.2455, 0.2680, 0.3217
Android (android.graphics.Color)	4284912021 (0xFF669195)
YUV	132.5990, 8.0857, -26.8353
Hunter-Lab	50.2449, -13.2125, -2.8233

Details

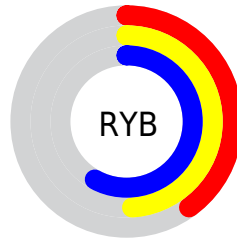
The Yxy color **25.2455, 0.2680, 0.3217** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6625, 0.3797, 0.3361**, and the grayscale version is **23.2816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1272, 0.2777, 0.3237**, and **9.6173, 0.2520, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **24.0667, 0.2559, 0.3191**, and if you desaturate by 10%, it is **26.5871, 0.2813, 0.3242**.

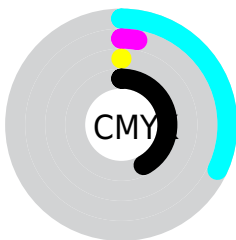
Distribution



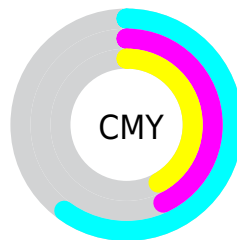
- Red (40%)
- Green (57%)
- Blue (58%)



- Red (40%)
- Yellow (49%)
- Blue (58%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)





- Cyan (60%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2455, 0.2680, 0.3217 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 25.2455, 0.2680, 0.3217 by changing the saturation by 10% instead.


 25.2455, 0.2680,
0.3217


 25.2455, 0.2680,
0.3217


279.0584, 0.2923,
0.3261


 16.2601, 0.2612,
0.3203


 52.0552, 0.2774,
0.3235


 9.7084, 0.2519,
0.3182


 70.6483, 0.2807,
0.3241

 5.2060, 0.2387,
0.3150

 93.2127, 0.2835,
0.3246

 2.3686, 0.2183,
0.3094

 120.1328, 0.2858,
0.3250

 0.8097, 0.1644,
0.3039

151.7930, 0.2878,
0.3253

 0.0000, 0.0000,
0.0000

188.5778, 0.2895,

0.3256

230.8714, 0.2910,
0.3259

■ 25.2455, 0.2680,
0.3217

■ 25.2455, 0.2680,
0.3217

■ 24.0667, 0.2559,
0.3191

■ 26.5871, 0.2813,
0.3242

■ 23.0394, 0.2451,
0.3163

■ 28.0963, 0.2956,
0.3265

■ 22.1553, 0.2361,
0.3135

■ 29.7813, 0.3104,
0.3287

■ 21.4043, 0.2288,
0.3106

■ 31.6491, 0.3256,
0.3307

■ 20.7747, 0.2233,
0.3078

■ 33.7060, 0.3409,
0.3324

■ 20.2529, 0.2196,
0.3050

■ 35.9581, 0.3562,
0.3340

■ 19.8649, 0.2174,
0.3026

■ 38.4114, 0.3711,
0.3354

■ 41.0714, 0.3857,
0.3366

■ 43.9435, 0.3997,
0.3377

Harmonies

Analogous

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



25.2455, 0.2841, 0.3464



25.2455, 0.2680, 0.3217



25.2455, 0.2635, 0.3004

Triad

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



25.2455, 0.2680, 0.3217



25.2455, 0.3157, 0.2951



25.2455, 0.3549, 0.3704

Complementary

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



25.2455, 0.2680, 0.3217



17.6625, 0.3797, 0.3361

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.



25.2455, 0.3645, 0.3546



25.2455, 0.2680, 0.3217



25.2455, 0.3413, 0.3120

Square

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



25.2455, 0.2680, 0.3217



25.2455, 0.2902, 0.2863



25.2455, 0.3595, 0.3334



25.2455, 0.3341, 0.3754

Rectangle

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



25.2455, 0.2680, 0.3217



25.2455, 0.2675, 0.2909



25.2455, 0.3595, 0.3334



25.2455, 0.3596, 0.3661

Sweetspot

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



25.2465, 0.2680, 0.3217



50.9953, 0.2990, 0.3271



25.3607, 0.3051, 0.4110



11.2154, 0.2970, 0.3268



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.



25.2465, 0.2680, 0.3217



43.6544, 0.2591, 0.3198



18.8162, 0.2629, 0.2777



6.4786, 0.2990, 0.3271



16.7399, 0.2174, 0.3028



0.2249, 0.2213, 0.3167

Inverse Universe

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



17.9410, 0.3213, 0.2590



28.5238, 0.3236, 0.2432



23.1626, 0.3678, 0.3753



5.9008, 0.3149, 0.3090



6.8833, 0.3430, 0.1663



0.0863, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 25.2455, 0.2680, 0.3217 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 25.2455, 0.2680, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

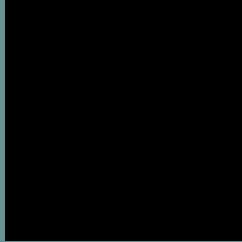
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2455, 0.2680, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 25.2455, 0.2680, 0.3217.

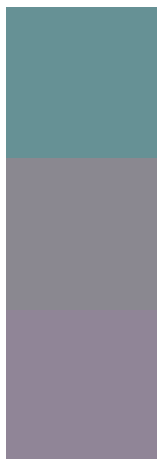


This preview shows how white text looks on a background with the Yxy color 25.2455, 0.2680, 0.3217.

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

25.2455, 0.2680, 0.3217

Protanopia

25.0252, 0.3068, 0.3157

Deuteranopia

24.9387, 0.3063, 0.2999



Tritanopia

25.2899, 0.2639, 0.3078

Trichromacy



Original Color

25.2455, 0.2680, 0.3217

Protanomaly

24.9005, 0.2912, 0.3169

Deuteranomaly

24.7605, 0.2914, 0.3070

Tritanomaly

25.1300, 0.2654, 0.3129

Monochromacy



Original Color

25.2455, 0.2680, 0.3217

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.8930, 0.2946, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2455, 0.2680, 0.3217 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(102, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 149)  
}
```

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(102, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.2455, 0.2680, 0.3217 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(102, 145, 149) }
```

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

```
.border{ border-color:rgb(102, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 145, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 145, 149); box-shadow:4px 4px 4px 4px rgb(102, 145, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2455, 0.2680, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 149) }
```

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

```
.background{ background-color: rgb(102,  
145, 149) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor