

Converting Colors

$Y_{xy}(25.1329, 0.2697, 0.3252)$

Have a look what the booklet for
Yxy(25.1329, 0.2697, 0.3252)
contains.

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Color

$\text{Yxy}(25.1822, 0.2696, 0.3253)$

Conversions

Conversions Part 1

Format	Color
Hex	669193
RGB	102, 145, 147
RGB Percent	40%, 57%, 58%
CMY	0.6000, 0.4314, 0.4236
CMYK	0.31, 0.01, 0.00, 0.42
HSL	183°, 18%, 49%
HSV	183°, 31%, 58%
XYZ	20.8703, 25.1822, 31.3597
YIQ	132.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

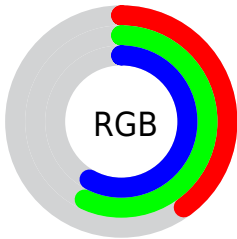
Format	Color
RYB	102, 124, 147
Decimal	6721939
CIELab	57.25, -14.10, -5.78
CIElCh	57, 15.235, 202.302
Yxy	25.1822, 0.2696, 0.3253
Android (android.graphics.Color)	4284912019 (0xFF669193)
YUV	132.3710, 7.2121, -26.6354
Hunter-Lab	50.1819, -13.5812, -1.9242

Details

The Yxy color **25.1822, 0.2696, 0.3253** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0586, 0.3779, 0.3327**, and the grayscale version is **23.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0325, 0.2789, 0.3263**, and **9.5985, 0.2531, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **24.2016, 0.2577, 0.3239**, and if you desaturate by 10%, it is **26.3182, 0.2828, 0.3266**.

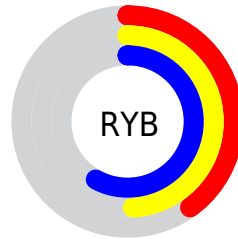
Distribution



Red (40%)

Green (57%)

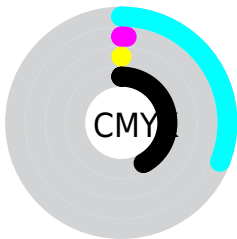
Blue (58%)



Red (40%)

Yellow (49%)

Blue (58%)

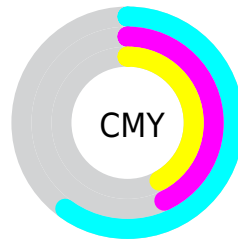


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (60%)


Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1822, 0.2696, 0.3253 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 25.1822, 0.2696, 0.3253 by changing the saturation by 10% instead.


 25.1822, 0.2696,
0.3253


 25.1822, 0.2696,
0.3253


278.7441, 0.2931,
0.3277


 16.2129, 0.2630,
0.3245


 51.9527, 0.2787,
0.3263


 9.6749, 0.2540,
0.3232


 70.5225, 0.2819,
0.3266

 5.1839, 0.2412,
0.3212

 93.0614, 0.2846,
0.3269

 2.3556, 0.2212,
0.3175

 119.9536, 0.2868,
0.3271

 0.8029, 0.1653,
0.3166

151.5836, 0.2887,
0.3273

 0.0000, 0.0000,
0.0000

188.3358, 0.2904,

0.3274

230.5945, 0.2918,
0.3276

■ 25.1822, 0.2696,
0.3253

■ 25.1822, 0.2696,
0.3253

■ 24.2016, 0.2577,
0.3239

■ 26.3182, 0.2828,
0.3266

■ 23.3653, 0.2473,
0.3225

■ 27.6142, 0.2969,
0.3278

■ 22.6657, 0.2385,
0.3211

■ 29.0779, 0.3118,
0.3289

■ 22.0928, 0.2316,
0.3196

■ 30.7160, 0.3271,
0.3300

■ 21.6358, 0.2264,
0.3182

■ 32.5347, 0.3426,
0.3309

■ 21.2815, 0.2230,
0.3168

■ 34.5400, 0.3580,
0.3317

■ 21.0104, 0.2210,
0.3154

■ 36.7373, 0.3733,
0.3325

■ 39.1321, 0.3881,
0.3331

■ 41.7296, 0.4025,
0.3337

Harmonies

Analogous

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



25.1822, 0.2872, 0.3500



25.1822, 0.2696, 0.3253



25.1822, 0.2633, 0.3030

Triad

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



25.1822, 0.2696, 0.3253



25.1822, 0.3117, 0.2931



25.1822, 0.3573, 0.3687

Complementary

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



25.1822, 0.2696, 0.3253



17.0586, 0.3779, 0.3327

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.



25.1822, 0.3648, 0.3517



25.1822, 0.2696, 0.3253



25.1822, 0.3379, 0.3090

Square

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



25.1822, 0.2696, 0.3253



25.1822, 0.2868, 0.2858



25.1822, 0.3577, 0.3301



25.1822, 0.3377, 0.3756

Rectangle

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



25.1822, 0.2696, 0.3253



25.1822, 0.2660, 0.2925



25.1822, 0.3577, 0.3301



25.1822, 0.3613, 0.3639

Sweetspot

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



25.1832, 0.2696, 0.3253



49.8154, 0.2990, 0.3280



24.6782, 0.3073, 0.4125



11.2955, 0.2970, 0.3278



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.



25.1832, 0.2696, 0.3253



43.8220, 0.2609, 0.3243



19.0954, 0.2650, 0.2839



6.5188, 0.2990, 0.3280



18.2275, 0.2210, 0.3155



0.2340, 0.2230, 0.3227

Inverse Universe

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



17.7490, 0.3187, 0.2583



28.2957, 0.3202, 0.2422



22.0814, 0.3670, 0.3702



5.9048, 0.3144, 0.3081



7.0334, 0.3320, 0.1603



0.0872, 0.3260, 0.1569

Previews

White Background



This preview shows how the Yxy color 25.1822, 0.2696, 0.3253 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 25.1822, 0.2696, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

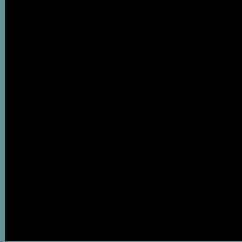
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1822, 0.2696, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 25.1822, 0.2696, 0.3253.

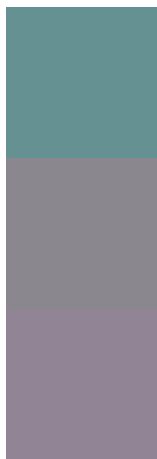


This preview shows how white text looks on a background with the Yxy color 25.1822, 0.2696, 0.3253.

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

25.1822, 0.2696, 0.3253

Protanopia

24.9646, 0.3088, 0.3190

Deuteranopia

24.9647, 0.3095, 0.3031



Tritanopia

25.2561, 0.2647, 0.3095

Trichromacy



Original Color

25.1822, 0.2696, 0.3253

Protanomaly

24.8388, 0.2930, 0.3203

Deuteranomaly

24.6966, 0.2933, 0.3103

Tritanomaly

25.0971, 0.2662, 0.3146

Monochromacy



Original Color

25.1822, 0.2696, 0.3253

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7624, 0.2955, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1822, 0.2696, 0.3253 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 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(102, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.1822, 0.2696, 0.3253 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, 147) }
```

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

```
.border{ border-color:rgb(102, 145, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1822, 0.2696, 0.3253 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, 147) }
```

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

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