

Converting Colors

$Y_{xy}(25.4117, 0.2781, 0.3491)$

Have a look what the booklet for
Yxy(25.4117, 0.2781, 0.3491)
contains.

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Color

Yxy(25.4117, 0.2781, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	659388
RGB	101, 147, 136
RGB Percent	40%, 58%, 53%
CMY	0.6040, 0.4235, 0.4666
CMYK	0.31, 0.00, 0.07, 0.42
HSL	166°, 19%, 49%
HSV	166°, 31%, 58%
XYZ	20.2435, 25.4117, 27.1369
YIQ	131.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

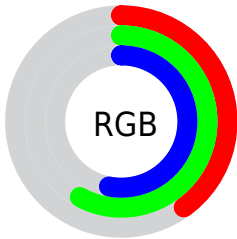
Format	Color
RYB	101, 127, 147
Decimal	6656904
CIELab	57.47, -18.10, 0.82
CIElCh	57, 18.121, 177.415
Yxy	25.4117, 0.2781, 0.3491
Android (android.graphics.Color)	4284846984 (0xFF659388)
YUV	131.9920, 1.9759, -27.1800
Hunter-Lab	50.4100, -16.5362, 3.3698

Details

The Yxy color **25.4117, 0.2781, 0.3491** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6757, 0.3645, 0.3100**, and the grayscale version is **23.0697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2197, 0.2854, 0.3450**, and **9.7677, 0.2661, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **24.5408, 0.2688, 0.3566**, and if you desaturate by 10%, it is **26.4398, 0.2884, 0.3421**.

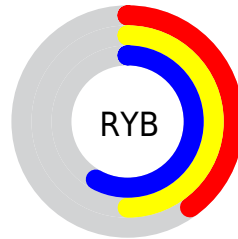
Distribution



Red (40%)

Green (58%)

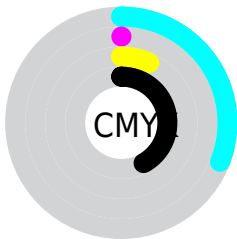
Blue (53%)



Red (40%)

Yellow (50%)

Blue (58%)

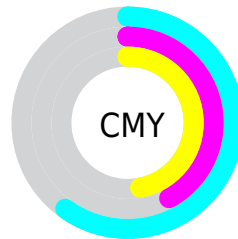


Cyan (31%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (60%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4117, 0.2781, 0.3491 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 25.4117, 0.2781, 0.3491 by changing the saturation by 10% instead.


 25.4117, 0.2781,
0.3491


 25.4117, 0.2781,
0.3491


279.8821, 0.2971,
0.3380


 16.3841, 0.2727,
0.3523


 52.3243, 0.2855,
0.3448

 9.7963, 0.2652,
0.3567


 70.9781, 0.2881,
0.3433

 5.2641, 0.2544,
0.3631

 93.6094, 0.2903,
0.3420

 2.4031, 0.2373,
0.3733

 120.6026, 0.2921,
0.3409

 0.8275, 0.1709,
0.4105

152.3420, 0.2936,
0.3400

 0.0000, 0.0000,
0.0000

189.2122, 0.2950,

0.3393

231.5974, 0.2961,
0.3386

■ 25.4117, 0.2781,
0.3491

■ 25.4117, 0.2781,
0.3491

■ 24.5408, 0.2688,
0.3566

■ 26.4398, 0.2884,
0.3421

■ 23.8157, 0.2608,
0.3646

■ 27.6294, 0.2995,
0.3356

■ 23.2287, 0.2544,
0.3729

■ 28.9886, 0.3112,
0.3297

■ 22.7698, 0.2497,
0.3814

■ 30.5240, 0.3231,
0.3244

■ 22.4280, 0.2469,
0.3901

■ 32.2418, 0.3351,
0.3197

■ 22.1900, 0.2460,
0.3987

■ 34.1481, 0.3470,
0.3155

■ 22.0371, 0.2462,
0.4063

■ 36.2484, 0.3586,
0.3118

■ 38.5483, 0.3700,
0.3085

■ 41.0529, 0.3810,
0.3057

Harmonies

Analogous

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



25.4117, 0.3063, 0.3737



25.4117, 0.2781, 0.3491



25.4117, 0.2596, 0.3194

Triad

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



25.4117, 0.2781, 0.3491



25.4117, 0.2865, 0.2789



25.4117, 0.3743, 0.3595

Complementary

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



25.4117, 0.2781, 0.3491



16.6757, 0.3645, 0.3100

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.



25.4117, 0.3688, 0.3344



25.4117, 0.2781, 0.3491



25.4117, 0.3168, 0.2894

Square

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



25.4117, 0.2781, 0.3491



25.4117, 0.2643, 0.2802



25.4117, 0.3473, 0.3093



25.4117, 0.3624, 0.3783

Rectangle

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



25.4117, 0.2781, 0.3491



25.4117, 0.2547, 0.3017



25.4117, 0.3473, 0.3093



25.4117, 0.3744, 0.3515

Sweetspot

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



25.4127, 0.2781, 0.3491



49.9676, 0.3020, 0.3343



25.2850, 0.3203, 0.4147



11.3354, 0.3004, 0.3351



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.



25.4127, 0.2781, 0.3491



44.3148, 0.2710, 0.3547



22.3397, 0.2667, 0.3077



6.5388, 0.3020, 0.3343



19.1074, 0.2461, 0.4058



0.2384, 0.2348, 0.3654

Inverse Universe

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



16.6757, 0.3645, 0.3100



25.9769, 0.3824, 0.3053



18.8384, 0.3750, 0.3492



5.8367, 0.3247, 0.3237



5.4868, 0.5909, 0.3029



0.0712, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 25.4117, 0.2781, 0.3491 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 25.4117, 0.2781, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

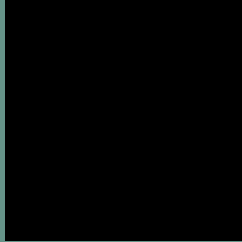
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4117, 0.2781, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 25.4117, 0.2781, 0.3491.

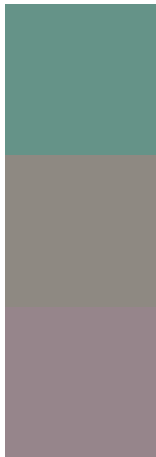


This preview shows how white text looks on a background with the Yxy color 25.4117, 0.2781, 0.3491.

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

25.4117, 0.2781, 0.3491

Protanopia

25.2538, 0.3256, 0.3408

Deuteranopia

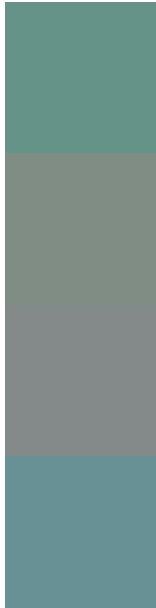
25.1232, 0.3257, 0.3193



Tritanopia

25.3501, 0.2647, 0.3078

Trichromacy



Original Color

25.4117, 0.2781, 0.3491

Protanomaly

25.2277, 0.3066, 0.3447

Deuteranomaly

24.9175, 0.3062, 0.3290

Tritanomaly

25.3638, 0.2697, 0.3217

Monochromacy



Original Color

25.4117, 0.2781, 0.3491

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6497, 0.2994, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4117, 0.2781, 0.3491 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(101, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 136)  
}
```

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(101, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 136) }
```

Border

The CSS property to change the border of an element to Yxy 25.4117, 0.2781, 0.3491 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(101, 147, 136) }
```

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

```
.border{ border-color:rgb(101, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 147, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 147, 136);  
box-shadow:4px 4px 4px 4px rgb(101, 147,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4117, 0.2781, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 136) }
```

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

```
.background{ background-color: rgb(101,  
147, 136) }
```

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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