

Converting Colors

$Y_{xy}(25.7815, 0.2766, 0.3472)$

Have a look what the booklet for
 $\text{Yxy}(25.7815, 0.2766, 0.3472)$
contains.

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Color

$\text{Yxy}(25.7815, 0.2766, 0.3472)$

Conversions

Conversions Part 1

Format	Color
Hex	65948A
RGB	101, 148, 138
RGB Percent	40%, 58%, 54%
CMY	0.6041, 0.4196, 0.4589
CMYK	0.32, 0.00, 0.07, 0.42
HSL	167°, 19%, 49%
HSV	167°, 32%, 58%
XYZ	20.5391, 25.7815, 27.9349
YIQ	132.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

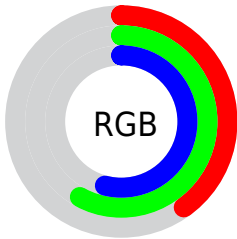
Format	Color
R_{YB}	101, 127, 148
Decimal	6657162
CIE _{Lab}	57.83, -18.19, 0.21
CIE _{LCh}	58, 18.187, 179.348
Yxy	25.7815, 0.2766, 0.3472
Android (android.graphics.Color)	4284847242 (0xFF65948A)
YUV	132.8070, 2.5601, -27.8947
Hunter-Lab	50.7755, -16.6525, 2.9235

Details

The Yxy color **25.7815, 0.2766, 0.3472** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.7413, 0.3675, 0.3118**, and the grayscale version is **23.3752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7750, 0.2842, 0.3436**, and **9.9578, 0.2632, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **24.9143, 0.2671, 0.3539**, and if you desaturate by 10%, it is **26.8073, 0.2872, 0.3409**.

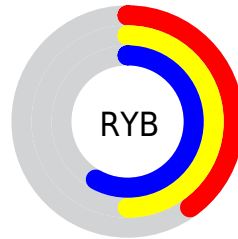
Distribution



Red (40%)

Green (58%)

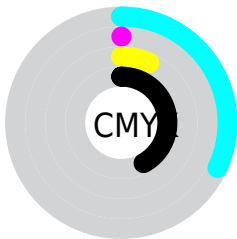
Blue (54%)



Red (40%)

Yellow (50%)

Blue (58%)

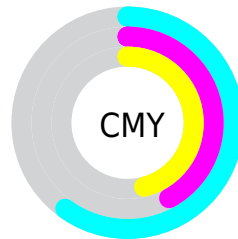


Cyan (32%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7815, 0.2766, 0.3472 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 25.7815, 0.2766, 0.3472 by changing the saturation by 10% instead.

■ 25.7815, 0.2766,
0.3472

■ 25.7815, 0.2766,
0.3472

■ 281.7078, 0.2964,
0.3372

■ 16.6603, 0.2710,
0.3500

■ 52.9222, 0.2843,
0.3433

■ 9.9926, 0.2633,
0.3539

■ 71.7105, 0.2870,
0.3420

■ 5.3940, 0.2522,
0.3595

■ 94.4899, 0.2892,
0.3408

■ 2.4803, 0.2348,
0.3684

■ 121.6449, 0.2911,
0.3399

■ 0.8667, 0.1746,
0.3983

■ 153.5597, 0.2927,
0.3391

■ 0.0000, 0.0000,
0.0000

190.6189, 0.2941,

0.3384

233.2068, 0.2953,
0.3378

■ 25.7815, 0.2766,
0.3472

■ 25.7815, 0.2766,
0.3472

■ 24.9143, 0.2671,
0.3539

■ 26.8073, 0.2872,
0.3409

■ 24.1942, 0.2590,
0.3610

■ 27.9962, 0.2986,
0.3352

■ 23.6133, 0.2525,
0.3683


■ 29.3565, 0.3105,
0.3299

■ 23.1615, 0.2477,
0.3759

■ 30.8948, 0.3228,
0.3251

■ 22.8273, 0.2448,
0.3835


■ 32.6176, 0.3352,
0.3209


 22.5972, 0.2437,
0.3911

 34.5308, 0.3475,
0.3171

 22.4567, 0.2437,
0.3974

 36.6403, 0.3596,
0.3138

 38.9516, 0.3714,
0.3108

 41.4699, 0.3828,
0.3083

Harmonies

Analogous

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



25.7815, 0.3043, 0.3725



25.7815, 0.2766, 0.3472



25.7815, 0.2589, 0.3175

Triad

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



25.7815, 0.2766, 0.3472



25.7815, 0.2884, 0.2793



25.7815, 0.3739, 0.3609

Complementary

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



25.7815, 0.2766, 0.3472



16.7413, 0.3675, 0.3118

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.



25.7815, 0.3696, 0.3361



25.7815, 0.2766, 0.3472



25.7815, 0.3189, 0.2905

Square

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



25.7815, 0.2766, 0.3472



25.7815, 0.2654, 0.2798



25.7815, 0.3490, 0.3108



25.7815, 0.3610, 0.3791

Rectangle

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



25.7815, 0.2766, 0.3472



25.7815, 0.2547, 0.3002



25.7815, 0.3490, 0.3108



25.7815, 0.3745, 0.3531

Sweetspot

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



25.7825, 0.2766, 0.3472



49.7510, 0.3005, 0.3343



25.5116, 0.3187, 0.4167



11.2908, 0.2989, 0.3350



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.



25.7825, 0.2766, 0.3472



44.3883, 0.2699, 0.3518



22.1405, 0.2657, 0.3044



6.5413, 0.3016, 0.3338



19.1818, 0.2436, 0.3969



0.2390, 0.2336, 0.3609

Inverse Universe

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



16.7413, 0.3675, 0.3118



25.9242, 0.3848, 0.3079



19.3342, 0.3755, 0.3522



5.8344, 0.3251, 0.3243



5.4680, 0.5986, 0.3071



0.0706, 0.5006, 0.2532

Previews

White Background



This preview shows how the Yxy color 25.7815, 0.2766, 0.3472 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 25.7815, 0.2766, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

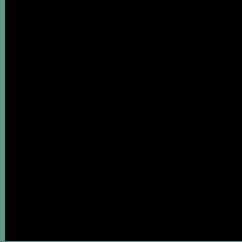
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7815, 0.2766, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 25.7815, 0.2766, 0.3472.



This preview shows how white text looks on a background with the Yxy color 25.7815, 0.2766, 0.3472.

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

25.7815, 0.2766, 0.3472

Protanopia

25.5937, 0.3234, 0.3391

Deuteranopia

25.5526, 0.3246, 0.3178



Tritanopia

25.6884, 0.2642, 0.3079

Trichromacy



Original Color

25.7815, 0.2766, 0.3472

Protanomaly

25.5793, 0.3047, 0.3429

Deuteranomaly

25.3452, 0.3053, 0.3273

Tritanomaly

25.7028, 0.2691, 0.3218

Monochromacy



Original Color

25.7815, 0.2766, 0.3472

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9912, 0.2975, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7815, 0.2766, 0.3472 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, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(101, 148, 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(101, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 148, 138) }
```

Border

The CSS property to change the border of an element to Yxy 25.7815, 0.2766, 0.3472 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, 148, 138) }
```

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

```
.border{ border-color:rgb(101, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 148, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 148, 138); box-shadow:4px 4px 4px 4px rgb(101, 148, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7815, 0.2766, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 148, 138) }
```

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

```
.background{ background-color: rgb(101,  
148, 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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