

Converting Colors

$Y_{xy}(25.1415, 0.2853, 0.3254)$

Have a look what the booklet for
Yxy(25.1415, 0.2853, 0.3254)
contains.

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Color

$\text{Yxy}(25.1415, 0.2853, 0.3254)$

Conversions

Conversions Part 1

Format	Color
Hex	758E90
RGB	117, 142, 144
RGB Percent	46%, 56%, 56%
CMY	0.5412, 0.4431, 0.4353
CMYK	0.19, 0.01, 0.00, 0.44
HSL	184°, 11%, 51%
HSV	184°, 19%, 56%
XYZ	22.0432, 25.1415, 30.0786
YIQ	134.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

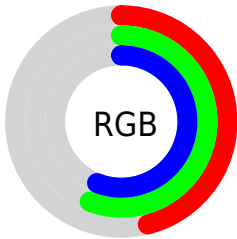
Format	Color
R_{YB}	117, 130, 144
Decimal	7704208
CIE _{Lab}	57.21, -8.38, -4.03
CIE _{LCh}	57, 9.295, 205.669
Yxy	25.1415, 0.2853, 0.3254
Android (android.graphics.Color)	4285894288 (0xFF758E90)
YUV	134.7530, 4.5588, -15.5694
Hunter-Lab	50.1413, -9.2747, -0.4678

Details

The Yxy color **25.1415, 0.2853, 0.3254** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4084, 0.3473, 0.3326**, and the grayscale version is **24.1199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9921, 0.2906, 0.3264**, and **9.6914, 0.2748, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **23.9042, 0.2718, 0.3233**, and if you desaturate by 10%, it is **26.5374, 0.2997, 0.3274**.

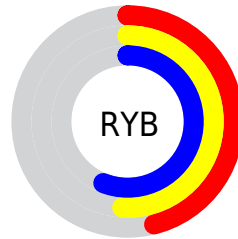
Distribution



Red (46%)

Green (56%)

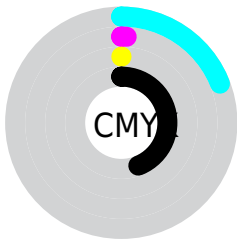
Blue (56%)



Red (46%)

Yellow (51%)

Blue (56%)

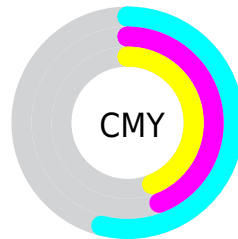


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (54%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1415, 0.2853, 0.3254 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 25.1415, 0.2853, 0.3254 by changing the saturation by 10% instead.


 25.1415, 0.2853,
0.3254

 25.1415, 0.2853,
0.3254


278.5419, 0.3003,
0.3275


 16.1825, 0.2810,
0.3247


 51.8867, 0.2911,
0.3263

 9.6534, 0.2752,
0.3238


 70.4417, 0.2932,
0.3266

 5.1698, 0.2668,
0.3223

 92.9641, 0.2949,
0.3268

 2.3472, 0.2536,
0.3197

119.8384, 0.2963,
0.3270

 0.7985, 0.2204,
0.3174

151.4489, 0.2975,
0.3272

 0.0000, 0.0000,
0.0000

188.1801, 0.2986,

0.3273

230.4163, 0.2995,
0.3274

■ 25.1415, 0.2853,
0.3254

■ 25.1415, 0.2853,
0.3254

■ 23.9042, 0.2718,
0.3233

■ 26.5374, 0.2997,
0.3274

■ 22.8154, 0.2594,
0.3210

■ 28.0953, 0.3146,
0.3292

■ 21.8685, 0.2484,
0.3187

■ 29.8224, 0.3299,
0.3309

■ 21.0554, 0.2390,
0.3162

■ 31.7246, 0.3452,
0.3324

■ 20.3670, 0.2313,
0.3138

■ 33.8075, 0.3604,
0.3337

■ 19.7930, 0.2255,
0.3113

■ 36.0763, 0.3753,
0.3349

■ 19.3215, 0.2214,
0.3089

■ 38.5361, 0.3898,
0.3359

■ 18.9260, 0.2187,
0.3064

■ 41.1919, 0.4037,
0.3368

■ 18.8778, 0.2184,
0.3061

■ 44.0484, 0.4170,
0.3376

Harmonies

Analogous

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



25.1415, 0.2956, 0.3401



25.1415, 0.2853, 0.3254



25.1415, 0.2821, 0.3121

Triad

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



25.1415, 0.2853, 0.3254



25.1415, 0.3141, 0.3075



25.1415, 0.3389, 0.3542

Complementary

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



25.1415, 0.2853, 0.3254



20.4084, 0.3473, 0.3326

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.



25.1415, 0.3443, 0.3447



25.1415, 0.2853, 0.3254



25.1415, 0.3298, 0.3181

Square

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



25.1415, 0.2853, 0.3254



25.1415, 0.2985, 0.3023



25.1415, 0.3409, 0.3316



25.1415, 0.3265, 0.3571

Rectangle

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



25.1415, 0.2853, 0.3254



25.1415, 0.2845, 0.3059



25.1415, 0.3409, 0.3316



25.1415, 0.3416, 0.3517

Sweetspot

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



25.1425, 0.2853, 0.3254



47.4959, 0.3035, 0.3279



25.0574, 0.3087, 0.3750



10.8573, 0.3027, 0.3278



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1425, 0.2853, 0.3254



43.2775, 0.2788, 0.3244



21.4179, 0.2840, 0.3014



6.0488, 0.2990, 0.3273



16.4524, 0.2184, 0.3063



0.1705, 0.2218, 0.3183

Inverse Universe

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



20.6053, 0.3171, 0.2873



33.6215, 0.3184, 0.2766



23.7991, 0.3433, 0.3551



5.5042, 0.3148, 0.3089



6.6472, 0.3399, 0.1646



0.0649, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 25.1415, 0.2853, 0.3254 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 25.1415, 0.2853, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

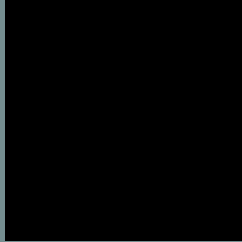
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

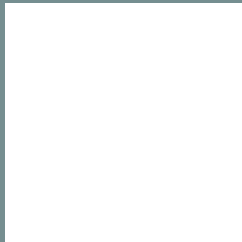
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1415, 0.2853, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 25.1415, 0.2853, 0.3254.



This preview shows how white text looks on a background with the Yxy color 25.1415, 0.2853, 0.3254.

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

25.1415, 0.2853, 0.3254

Protanopia

24.9347, 0.3098, 0.3206

Deuteranopia

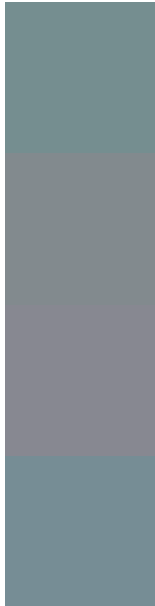
24.9614, 0.3137, 0.3079



Tritanopia

25.2387, 0.2801, 0.3100

Trichromacy



Original Color

25.1415, 0.2853, 0.3254

Protanomaly

24.8758, 0.3001, 0.3221

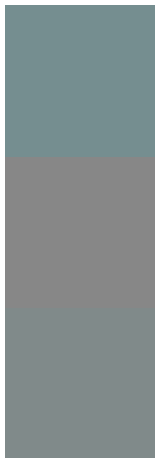
Deuteranomaly

24.8035, 0.3025, 0.3139

Tritanomaly

25.0712, 0.2817, 0.3150

Monochromacy



Original Color

25.1415, 0.2853, 0.3254

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6011, 0.3019, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1415, 0.2853, 0.3254 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(117, 142, 144)` looks like.

```
.text, #text, p{  
    color:rgb(117, 142, 144)  
}
```

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(117, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 142, 144) }
```

Border

The CSS property to change the border of an element to Yxy 25.1415, 0.2853, 0.3254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

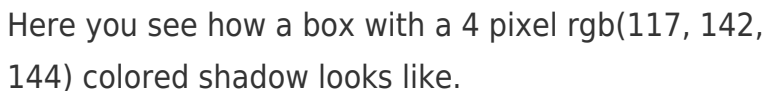
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 142, 144) }
```

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

```
.border{ border-color:rgb(117, 142, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 142, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(117, 142,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1415, 0.2853, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 142, 144) }
```

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

```
.background{ background-color: rgb(117,  
142, 144) }
```

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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