

Converting Colors

$Y_{xy}(25.7086, 0.2882, 0.2923)$

Have a look what the booklet for
Yxy(25.7086, 0.2882, 0.2923)
contains.

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Color

$Y_{xy}(25.5803, 0.2882, 0.2916)$

Conversions

Conversions Part 1

Format	Color
Hex	8789A0
RGB	135, 137, 160
RGB Percent	53%, 54%, 63%
CMY	0.4706, 0.4627, 0.3726
CMYK	0.16, 0.14, 0.00, 0.37
HSL	235°, 12%, 58%
HSV	235°, 16%, 63%
XYZ	25.2820, 25.5803, 36.8616
YIQ	139.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

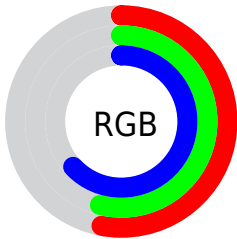
Format	Color
R_{YB}	135, 137, 160
Decimal	8882592
CIE _{Lab}	57.64, 4.16, -12.43
CIE _{LCh}	58, 13.109, 288.505
Yxy	25.5803, 0.2882, 0.2916
Android (android.graphics.Color)	4287072672 (0xFF8789A0)
YUV	139.0240, 10.3412, -3.5290
Hunter-Lab	50.5770, 0.7175, -7.8080

Details

The Yxy color **25.5803, 0.2882, 0.2916** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.6741, 0.3360, 0.3638**, and the grayscale version is **25.7908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4246, 0.2929, 0.2986**, and **9.8518, 0.2784, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **20.4497, 0.2703, 0.2639**, and if you desaturate by 10%, it is **31.4831, 0.3044, 0.3164**.

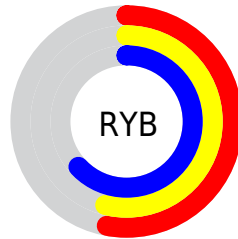
Distribution



Red (53%)

Green (54%)

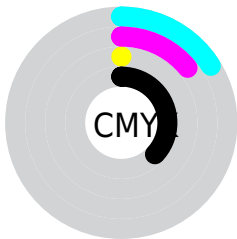
Blue (63%)



Red (53%)

Yellow (54%)

Blue (63%)

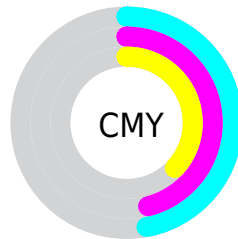


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (46%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5803, 0.2882, 0.2916 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 25.5803, 0.2882, 0.2916 by changing the saturation by 10% instead.

■ 25.5803, 0.2882,
0.2916

■ 25.5803, 0.2882,
0.2916

280.7157, 0.3017,
0.3119

■ 16.5099, 0.2844,
0.2860

■ 52.5971, 0.2934,
0.2994

■ 9.8857, 0.2791,
0.2784

■ 71.3123, 0.2953,
0.3022

■ 5.3232, 0.2716,
0.2676

■ 94.0112, 0.2968,
0.3045

■ 2.4381, 0.2597,
0.2510

121.0783, 0.2981,
0.3064

■ 0.8454, 0.2386,
0.2225

152.8979, 0.2992,
0.3081

■ 0.0000, 0.0000,
0.0000

189.8544, 0.3001,

0.3095

232.3322, 0.3010,
0.3108

■ 25.5803, 0.2882,
0.2916

■ 25.5803, 0.2882,
0.2916

■ 20.4497, 0.2703,
0.2639

■ 31.4831, 0.3044,
0.3164

■ 16.0564, 0.2510,
0.2335

■ 38.1851, 0.3188,
0.3382

■ 12.3674, 0.2307,
0.2013

■ 45.7154, 0.3315,
0.3572

■ 9.3460, 0.2105,
0.1685

■ 54.1013, 0.3426,
0.3736

■ 6.9521, 0.1915,
0.1370

■ 63.3683, 0.3523,
0.3879

■ 5.1414, 0.1751,
0.1089

■ 73.5412, 0.3607,
0.4001

■ 3.8636, 0.1624,
0.0863

■ 84.6437, 0.3681,
0.4107

■ 3.0582, 0.1543,
0.0708

■ 95.1499, 0.3690,
0.4217

■ 2.8216, 0.1517,
0.0660

■ 95.3180, 0.3689,
0.4219

Harmonies

Analogous

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



25.5803, 0.2742, 0.2958



25.5803, 0.2882, 0.2916



25.5803, 0.3091, 0.2968

Triad

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



25.5803, 0.2882, 0.2916



25.5803, 0.3571, 0.3465



25.5803, 0.2933, 0.3493

Complementary

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



25.5803, 0.2882, 0.2916



33.6741, 0.3360, 0.3638

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.



25.5803, 0.3151, 0.3643



25.5803, 0.2882, 0.2916



25.5803, 0.3523, 0.3617

Square

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



25.5803, 0.2882, 0.2916



25.5803, 0.3495, 0.3277



25.5803, 0.3368, 0.3686



25.5803, 0.2771, 0.3287

Rectangle

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



25.5803, 0.2882, 0.2916



25.5803, 0.3243, 0.3047



25.5803, 0.3368, 0.3686



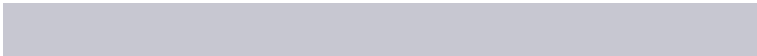
25.5803, 0.3002, 0.3553

Sweetspot

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



25.5814, 0.2882, 0.2916



57.7718, 0.3052, 0.3176



32.7576, 0.2913, 0.3322



12.5049, 0.3042, 0.3161



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.5814, 0.2882, 0.2916



42.8023, 0.2817, 0.2816



25.9233, 0.2989, 0.2895



6.5165, 0.2987, 0.3078



2.2270, 0.1519, 0.0667



0.0620, 0.1605, 0.0979

Inverse Universe

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



26.6074, 0.3390, 0.3260



45.0841, 0.3468, 0.3252



33.3348, 0.3251, 0.3680



6.6544, 0.3272, 0.3272



5.8470, 0.6287, 0.3237



0.1068, 0.5791, 0.2964

Previews

White Background



This preview shows how the Yxy color 25.5803, 0.2882, 0.2916 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 25.5803, 0.2882, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

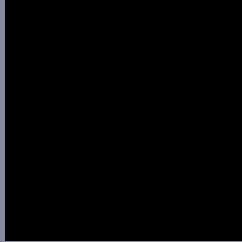
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

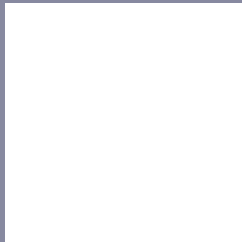
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5803, 0.2882, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 25.5803, 0.2882, 0.2916.



This preview shows how white text looks on a background with the Yxy color 25.5803, 0.2882, 0.2916.

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

25.5803, 0.2882, 0.2916

Protanopia

25.4977, 0.2872, 0.2915

Deuteranopia

25.5287, 0.2943, 0.2890



Tritanopia

25.6538, 0.2956, 0.3106

Trichromacy



Original Color

25.5803, 0.2882, 0.2916

Protanomaly

25.4977, 0.2872, 0.2915

Deuteranomaly

25.6354, 0.2922, 0.2904

Tritanomaly

25.5784, 0.2928, 0.3026

Monochromacy



Original Color

25.5803, 0.2882, 0.2916

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6868, 0.3037, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5803, 0.2882, 0.2916 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(135, 137, 160)` looks like.

```
.text, #text, p{  
    color:rgb(135, 137, 160)  
}
```

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(135, 137, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 137, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.5803, 0.2882, 0.2916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

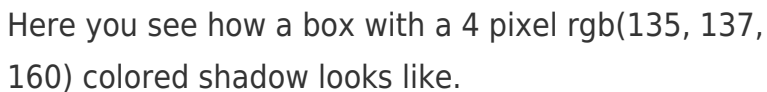
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 137, 160) }
```

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

```
.border{ border-color:rgb(135, 137, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 137, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 137, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 137, 160); box-shadow:4px 4px 4px 4px rgb(135, 137, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5803, 0.2882, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 137, 160) }
```

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

```
.background{ background-color: rgb(135,  
137, 160) }
```

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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