

Converting Colors

$Y_{xy}(25.8210, 0.2518, 0.3021)$

Have a look what the booklet for
Yxy(25.8210, 0.2518, 0.3021)
contains.

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Color

Yxy(25.8032, 0.2517, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	5D93A2
RGB	93, 147, 162
RGB Percent	36%, 58%, 64%
CMY	0.6352, 0.4235, 0.3647
CMYK	0.43, 0.09, 0.00, 0.36
HSL	193°, 27%, 50%
HSV	193°, 43%, 64%
XYZ	21.4700, 25.8032, 38.0267
YIQ	132.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

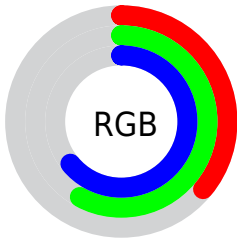
Format	Color
R _Y B	93, 123, 162
Decimal	6132642
CIE Lab	57.85, -13.81, -13.52
CIE LCh	58, 19.323, 224.389
Yxy	25.8032, 0.2517, 0.3025
Android (android.graphics.Color)	4284322722 (0xFF5D93A2)
YUV	132.5640, 14.5119, -34.6976
Hunter-Lab	50.7969, -13.4491, -8.8269

Details

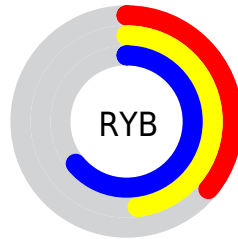
The Yxy color **25.8032, 0.2517, 0.3025** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1981, 0.4093, 0.3534**, and the grayscale version is **23.2470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9861, 0.2643, 0.3082**, and **9.9426, 0.2311, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **23.9681, 0.2396, 0.2951**, and if you desaturate by 10%, it is **27.8529, 0.2650, 0.3095**.

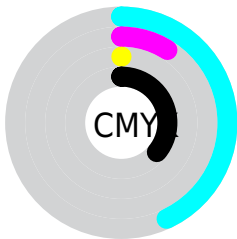
Distribution



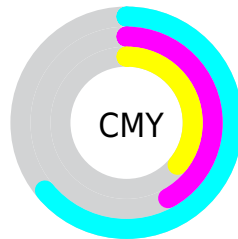
- Red (36%)
- Green (58%)
- Blue (64%)



- Red (36%)
- Yellow (48%)
- Blue (64%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8032, 0.2517, 0.3025 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 25.8032, 0.2517, 0.3025 by changing the saturation by 10% instead.

■ 25.8032, 0.2517,
0.3025

■ 25.8032, 0.2517,
0.3025

281.8147, 0.2845,
0.3176

■ 16.6765, 0.2427,
0.2980

■ 52.9573, 0.2642,
0.3085

■ 10.0041, 0.2307,
0.2917

■ 71.7534, 0.2687,
0.3106

■ 5.4017, 0.2138,
0.2824

■ 94.5415, 0.2725,
0.3123

■ 2.4848, 0.1886,
0.2674

■ 121.7059, 0.2756,
0.3137

■ 0.8690, 0.1366,
0.2429

153.6310, 0.2783,
0.3149

■ 0.0000, 0.0000,
0.0000

190.7013, 0.2807,

0.3159

233.3010, 0.2827,
0.3168

■ 25.8032, 0.2517,
0.3025

■ 25.8032, 0.2517,
0.3025

■ 23.9681, 0.2396,
0.2951

■ 27.8529, 0.2650,
0.3095

■ 22.3328, 0.2291,
0.2875

■ 30.1249, 0.2791,
0.3160

■ 20.8855, 0.2202,
0.2797

■ 32.6300, 0.2938,
0.3221

■ 19.6111, 0.2132,
0.2718

■ 35.3776, 0.3088,
0.3277

■ 18.4922, 0.2081,
0.2640

■ 38.3763, 0.3239,
0.3327

■ 17.7315, 0.2051,
0.2582

■ 41.6343, 0.3388,
0.3372

■ 45.1594, 0.3534,
0.3412

■ 48.9592, 0.3675,
0.3447

■ 53.0408, 0.3810,
0.3478

Harmonies

Analogous

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



25.8032, 0.2634, 0.3323



25.8032, 0.2517, 0.3025



25.8032, 0.2553, 0.2822

Triad

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



25.8032, 0.2517, 0.3025



25.8032, 0.3360, 0.2981



25.8032, 0.3514, 0.3870

Complementary

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



25.8032, 0.2517, 0.3025



19.1981, 0.4093, 0.3534

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.



25.8032, 0.3729, 0.3737



25.8032, 0.2517, 0.3025



25.8032, 0.3641, 0.3227

Square

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



25.8032, 0.2517, 0.3025



25.8032, 0.3025, 0.2809



25.8032, 0.3779, 0.3500



25.8032, 0.3202, 0.3837

Rectangle

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



25.8032, 0.2517, 0.3025



25.8032, 0.2658, 0.2758



25.8032, 0.3779, 0.3500



25.8032, 0.3601, 0.3842

Sweetspot

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



25.8042, 0.2517, 0.3025



58.9269, 0.2928, 0.3217



29.2475, 0.2955, 0.4292



13.0109, 0.2897, 0.3205



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8042, 0.2517, 0.3025



43.7094, 0.2403, 0.2956



16.6490, 0.2412, 0.2377



7.7488, 0.2988, 0.3240



14.0358, 0.2053, 0.2589



0.3565, 0.2131, 0.2871

Inverse Universe

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



17.6191, 0.3371, 0.2466



27.4262, 0.3442, 0.2299



27.9509, 0.3862, 0.4056



7.1757, 0.3169, 0.3116



7.2610, 0.3835, 0.1886



0.1588, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 25.8032, 0.2517, 0.3025 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 25.8032, 0.2517, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

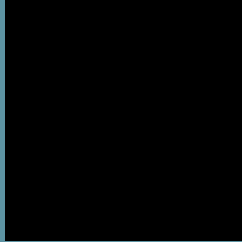
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8032, 0.2517, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 25.8032, 0.2517, 0.3025.



This preview shows how white text looks on a background with the Yxy color 25.8032, 0.2517, 0.3025.

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

25.8032, 0.2517, 0.3025

Protanopia

25.5259, 0.2929, 0.2979

Deuteranopia

25.5335, 0.2875, 0.2812



Tritanopia

25.6460, 0.2531, 0.3075

Trichromacy



Original Color

25.8032, 0.2517, 0.3025

Protanomaly

25.5114, 0.2758, 0.3002

Deuteranomaly

25.2831, 0.2723, 0.2874

Tritanomaly

25.6808, 0.2524, 0.3058

Monochromacy



Original Color

25.8032, 0.2517, 0.3025

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0421, 0.2859, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8032, 0.2517, 0.3025 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(93, 147, 162)` looks like.

```
.text, #text, p{  
    color:rgb(93, 147, 162)  
}
```

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(93, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 147, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.8032, 0.2517, 0.3025 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(93, 147, 162) }
```

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

```
.border{ border-color:rgb(93, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(93, 147,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8032, 0.2517, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 147, 162) }
```

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

```
.background{ background-color: rgb(93, 147,  
162) }
```

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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