

Converting Colors

$Y_{xy}(25.1397, 0.2584, 0.2872)$

Have a look what the booklet for
Yxy(25.1397, 0.2584, 0.2872)
contains.

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Color

$Y_{xy}(25.2250, 0.2582, 0.2880)$

Conversions

Conversions Part 1

Format	Color
Hex	6B8EA6
RGB	107, 142, 166
RGB Percent	42%, 56%, 65%
CMY	0.5805, 0.4431, 0.3491
CMYK	0.36, 0.14, 0.00, 0.35
HSL	204°, 25%, 54%
HSV	204°, 36%, 65%
XYZ	22.6149, 25.2250, 39.7469
YIQ	134.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

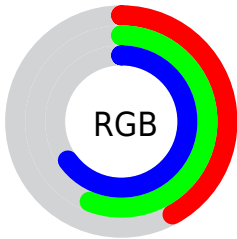
Format	Color
R_{YB}	107, 129, 166
Decimal	7048870
CIE _{Lab}	57.29, -6.09, -16.57
CIE _{LCh}	57, 17.653, 249.808
Yxy	25.2250, 0.2582, 0.2880
Android (android.graphics.Color)	4285238950 (0xFF6B8EA6)
YUV	134.2710, 15.6424, -23.9167
Hunter-Lab	50.2245, -7.5185, -11.7640

Details

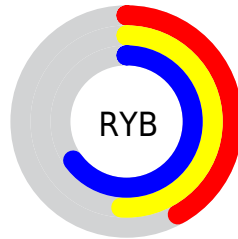
The Yxy color **25.2250, 0.2582, 0.2880** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3826, 0.3823, 0.3664**, and the grayscale version is **23.8920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1739, 0.2695, 0.2974**, and **9.7100, 0.2390, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **22.3482, 0.2433, 0.2741**, and if you desaturate by 10%, it is **28.4227, 0.2736, 0.3009**.

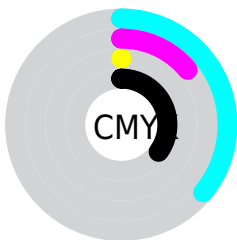
Distribution



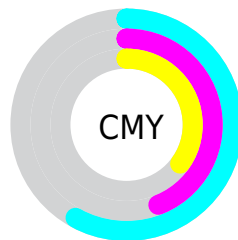
- Red (42%)
- Green (56%)
- Blue (65%)



- Red (42%)
- Yellow (51%)
- Blue (65%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2250, 0.2582, 0.2880 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 25.2250, 0.2582, 0.2880 by changing the saturation by 10% instead.

■ 25.2250, 0.2582,
0.2880

■ 25.2250, 0.2582,
0.2880

■ 278.9566, 0.2877,
0.3107

■ 16.2448, 0.2501,
0.2815

■ 52.0220, 0.2695,
0.2968

■ 9.6975, 0.2391,
0.2727

■ 70.6076, 0.2736,
0.3000

■ 5.1989, 0.2236,
0.2599

■ 93.1637, 0.2769,
0.3025

■ 2.3644, 0.2004,
0.2401

■ 120.0748, 0.2798,
0.3047

■ 0.8075, 0.1582,
0.2065

■ 151.7252, 0.2822,
0.3065

■ 0.0000, 0.0000,
0.0000

188.4994, 0.2843,

0.3081

230.7817, 0.2861,
0.3095

■ 25.2250, 0.2582,
0.2880

■ 25.2250, 0.2582,
0.2880

■ 22.3482, 0.2433,
0.2741

■ 28.4227, 0.2736,
0.3009

■ 19.7757, 0.2293,
0.2595

■ 31.9507, 0.2890,
0.3128

■ 17.4940, 0.2165,
0.2442

■ 35.8218, 0.3044,
0.3235

■ 15.4866, 0.2055,
0.2287

■ 40.0470, 0.3193,
0.3332

■ 13.7352, 0.1963,
0.2131

■ 44.6370, 0.3337,
0.3418

■ 12.2165, 0.1893,
0.1980

■ 49.6015, 0.3474,
0.3494

■ 11.5941, 0.1865,
0.1913

■ 54.9504, 0.3604,
0.3561

■ 60.6927, 0.3726,
0.3620

■ 66.5798, 0.3829,
0.3673

Harmonies

Analogous

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



25.2250, 0.2571, 0.3085



25.2250, 0.2582, 0.2880



25.2250, 0.2731, 0.2792

Triad

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



25.2250, 0.2582, 0.2880



25.2250, 0.3567, 0.3196



25.2250, 0.3244, 0.3807

Complementary

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



25.2250, 0.2582, 0.2880



25.3826, 0.3823, 0.3664

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.



25.2250, 0.3523, 0.3814



25.2250, 0.2582, 0.2880



25.2250, 0.3718, 0.3448

Square

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



25.2250, 0.2582, 0.2880



25.2250, 0.3296, 0.2974



25.2250, 0.3699, 0.3675



25.2250, 0.2943, 0.3640

Rectangle

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



25.2250, 0.2582, 0.2880



25.2250, 0.2893, 0.2804



25.2250, 0.3699, 0.3675



25.2250, 0.3343, 0.3828

Sweetspot

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



25.2260, 0.2582, 0.2880



60.9794, 0.2957, 0.3176



32.0186, 0.2897, 0.3903



13.4448, 0.2938, 0.3162



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.2260, 0.2582, 0.2880



41.4450, 0.2459, 0.2766



17.6567, 0.2512, 0.2355



8.0132, 0.2987, 0.3196



9.0855, 0.1869, 0.1926



0.3177, 0.2008, 0.2428

Inverse Universe

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



20.5669, 0.3465, 0.2756



32.2659, 0.3574, 0.2632



34.3375, 0.3677, 0.4078



7.6143, 0.3197, 0.3157



6.9882, 0.4537, 0.2273



0.1798, 0.3995, 0.1974

Previews

White Background



This preview shows how the Yxy color 25.2250, 0.2582, 0.2880 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 25.2250, 0.2582, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

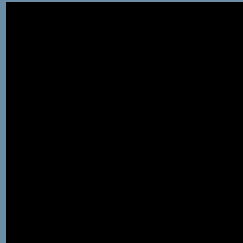
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2250, 0.2582, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 25.2250, 0.2582, 0.2880.



This preview shows how white text looks on a background with the Yxy color 25.2250, 0.2582, 0.2880.

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

25.2250, 0.2582, 0.2880

Protanopia

25.1225, 0.2833, 0.2865

Deuteranopia

25.0282, 0.2807, 0.2746



Tritanopia

25.2561, 0.2647, 0.3095

Trichromacy



Original Color

25.2250, 0.2582, 0.2880

Protanomaly

25.0323, 0.2740, 0.2873

Deuteranomaly

25.0413, 0.2723, 0.2797

Tritanomaly

25.1514, 0.2622, 0.3010

Monochromacy



Original Color

25.2250, 0.2582, 0.2880

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2517, 0.2900, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2250, 0.2582, 0.2880 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(107, 142, 166)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 166)  
}
```

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(107, 142, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 166) }
```

Border

The CSS property to change the border of an element to Yxy 25.2250, 0.2582, 0.2880 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(107, 142, 166) }
```

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

```
.border{ border-color:rgb(107, 142, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 142, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 142, 166);  
box-shadow:4px 4px 4px 4px rgb(107, 142,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2250, 0.2582, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 166) }
```

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

```
.background{ background-color: rgb(107,  
142, 166) }
```

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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