

Converting Colors

$Y_{xy}(25.1330, 0.2572, 0.3162)$

Have a look what the booklet for
Yxy(25.1330, 0.2572, 0.3162)
contains.

Yxy(25.1330, 0.2572, 0.3162)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.1330, 0.2572, 0.3162)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9299
RGB	92, 146, 153
RGB Percent	36%, 57%, 60%
CMY	0.6391, 0.4275, 0.4000
CMYK	0.40, 0.05, 0.00, 0.40
HSL	187°, 25%, 48%
HSV	187°, 40%, 60%
XYZ	20.4434, 25.1330, 33.9081
YIQ	130.6520, -34.4310, -9.2710

Conversions

Conversions Part 2

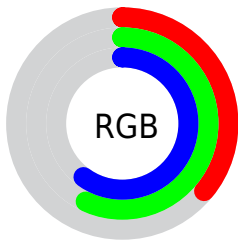
Format	Color
R_{YB}	92, 121, 153
Decimal	6066841
CIE _{Lab}	57.20, -15.96, -9.35
CIE _{LCh}	57, 18.497, 210.359
Yxy	25.1330, 0.2572, 0.3162
Android (android.graphics.Color)	4284256921 (0xFF5C9299)
YUV	130.6520, 11.0176, -33.8978
Hunter-Lab	50.1328, -14.9428, -5.0087

Details

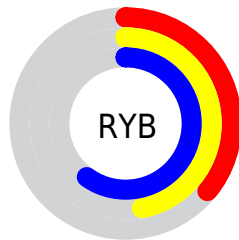
The Yxy color **25.1330, 0.2572, 0.3162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.4721, 0.4045, 0.3411**, and the grayscale version is **22.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8333, 0.2688, 0.3196**, and **9.5948, 0.2376, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **23.8868, 0.2459, 0.3125**, and if you desaturate by 10%, it is **26.5487, 0.2698, 0.3197**.

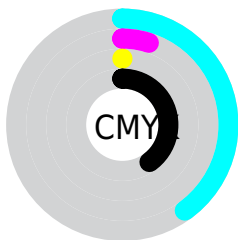
Distribution



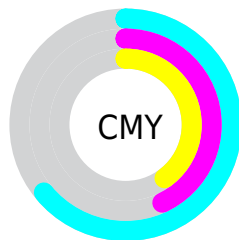
- Red (36%)
- Green (57%)
- Blue (60%)



- Red (36%)
- Yellow (47%)
- Blue (60%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)





- Cyan (64%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1330, 0.2572, 0.3162 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 25.1330, 0.2572, 0.3162 by changing the saturation by 10% instead.


 25.1330, 0.2572,
0.3162


 25.1330, 0.2572,
0.3162


278.4996, 0.2873,
0.3238


 16.1762, 0.2488,
0.3138


 51.8729, 0.2687,
0.3193


 9.6489, 0.2376,
0.3103


 70.4248, 0.2729,
0.3204

 5.1668, 0.2216,
0.3050

 92.9438, 0.2763,
0.3212

 2.3455, 0.1972,
0.2958

 119.8143, 0.2792,
0.3219

 0.7976, 0.1315,
0.2846

151.4208, 0.2817,
0.3225

 0.0000, 0.0000,
0.0000

188.1475, 0.2838,

0.3230

230.3790, 0.2857,
0.3234

■ 25.1330, 0.2572,
0.3162

■ 25.1330, 0.2572,
0.3162

■ 23.8868, 0.2459,
0.3125

■ 26.5487, 0.2698,
0.3197

■ 22.7973, 0.2362,
0.3087

■ 28.1397, 0.2835,
0.3231

■ 21.8549, 0.2282,
0.3048


■ 29.9152, 0.2980,
0.3262


■ 21.0474, 0.2221,
0.3008


■ 31.8829, 0.3129,
0.3290

■ 20.3607, 0.2178,
0.2969


■ 34.0501, 0.3282,
0.3316

 19.7601, 0.2148,
0.2931

 36.4236, 0.3434,
0.3340

 19.7514, 0.2147,
0.2930

 39.0099, 0.3584,
0.3360

 41.8152, 0.3731,
0.3378

 44.8455, 0.3874,
0.3394

Harmonies

Analogous

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



25.1330, 0.2749, 0.3466



25.1330, 0.2572, 0.3162



25.1330, 0.2537, 0.2915

Triad

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



25.1330, 0.2572, 0.3162



25.1330, 0.3201, 0.2902



25.1330, 0.3615, 0.3808

Complementary

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



25.1330, 0.2572, 0.3162



16.4721, 0.4045, 0.3411

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.



25.1330, 0.3753, 0.3624



25.1330, 0.2572, 0.3162



25.1330, 0.3509, 0.3112

Square

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



25.1330, 0.2572, 0.3162



25.1330, 0.2887, 0.2783



25.1330, 0.3715, 0.3371



25.1330, 0.3348, 0.3855

Rectangle

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



25.1330, 0.2572, 0.3162



25.1330, 0.2596, 0.2813



25.1330, 0.3715, 0.3371



25.1330, 0.3679, 0.3759

Sweetspot

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



25.1340, 0.2572, 0.3162



52.7894, 0.2945, 0.3255



25.9415, 0.3023, 0.4353



11.5734, 0.2928, 0.3251



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.1340, 0.2572, 0.3162



42.9715, 0.2469, 0.3128



17.1622, 0.2486, 0.2592



6.9055, 0.2989, 0.3264



16.3561, 0.2148, 0.2933



0.2744, 0.2196, 0.3106

Inverse Universe

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



16.5054, 0.3264, 0.2432



25.5428, 0.3302, 0.2250



23.1419, 0.3850, 0.3896



6.3114, 0.3154, 0.3095



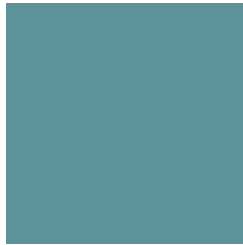
7.0565, 0.3514, 0.1709



0.1085, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 25.1330, 0.2572, 0.3162 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 25.1330, 0.2572, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

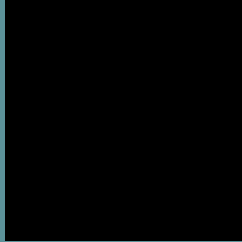
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

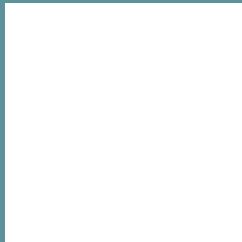
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1330, 0.2572, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 25.1330, 0.2572, 0.3162.

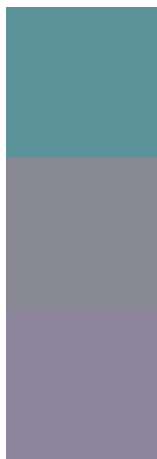


This preview shows how white text looks on a background with the Yxy color 25.1330, 0.2572, 0.3162.

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

25.1330, 0.2572, 0.3162

Protanopia

24.9491, 0.3016, 0.3106

Deuteranopia

24.8381, 0.2981, 0.2918



Tritanopia

25.0123, 0.2547, 0.3074

Trichromacy



Original Color

25.1330, 0.2572, 0.3162

Protanomaly

24.9192, 0.2835, 0.3134

Deuteranomaly

24.7545, 0.2809, 0.3001

Tritanomaly

24.9783, 0.2554, 0.3091

Monochromacy



Original Color

25.1330, 0.2572, 0.3162

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2543, 0.2894, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1330, 0.2572, 0.3162 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(92, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(92, 146, 153)  
}
```

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(92, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 146, 153) }
```

Border

The CSS property to change the border of an element to Yxy 25.1330, 0.2572, 0.3162 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(92, 146, 153) }
```

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

```
.border{ border-color:rgb(92, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 146,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1330, 0.2572, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 146, 153) }
```

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

```
.background{ background-color: rgb(92, 146,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor