

Converting Colors

$Yxy(25.1766, 0.2348, 0.3050)$

Have a look what the booklet for
Yxy(25.1766, 0.2348, 0.3050)
contains.

Yxy(25.1935, 0.2347, 0.3050)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.1935, 0.2347, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	4095A2
RGB	64, 149, 162
RGB Percent	25%, 58%, 64%
CMY	0.7487, 0.4157, 0.3647
CMYK	0.60, 0.08, 0.00, 0.36
HSL	188°, 43%, 44%
HSV	188°, 60%, 64%
XYZ	19.3866, 25.1935, 38.0215
YIQ	125.0670, -54.8330, -13.9770

Conversions

Conversions Part 2

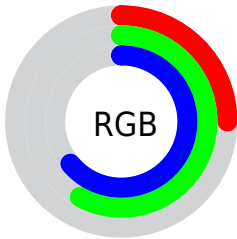
Format	Color
R_{YB}	64, 110, 162
Decimal	4232610
CIE _{Lab}	57.26, -21.47, -14.52
CIE _{LCh}	57, 25.918, 214.076
Yxy	25.1935, 0.2347, 0.3050
Android (android.graphics.Color)	4282422690 (0xFF4095A2)
YUV	125.0670, 18.2080, -53.5558
Hunter-Lab	50.1931, -18.8941, -9.7773




Details

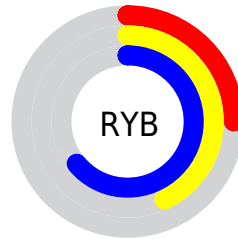
The Yxy color **25.1935, 0.2347, 0.3050** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.3710, 0.4824, 0.3489**, and the grayscale version is **20.4902, 0.3127, 0.3290**.




A 20% lighter version of the original color is **51.8592, 0.2506, 0.3101**, and **9.8612, 0.2156, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **24.0529, 0.2266, 0.3004**, and if you desaturate by 10%, it is **26.5064, 0.2445, 0.3095**.

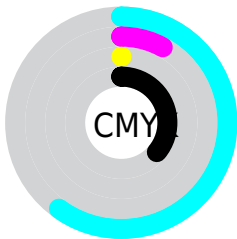
Distribution







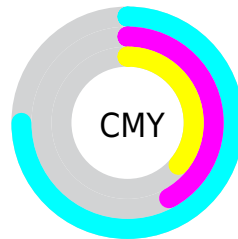
-  Red (25%)
-  Green (58%)
-  Blue (64%)






-  Red (25%)
-  Yellow (43%)
-  Blue (64%)



-  Cyan (60%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (36%)





-  Cyan (75%)
-  Magenta (42%)
-  Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1935, 0.2347, 0.3050 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 25.1935, 0.2347, 0.3050 by changing the saturation by 10% instead.


 25.1935, 0.2347,
0.3050


 25.1935, 0.2347,
0.3050


278.8002, 0.2765,
0.3193


 16.2213, 0.2234,
0.3005


 51.9710, 0.2506,
0.3108


 9.6809, 0.2083,
0.2942


 70.5450, 0.2563,
0.3128


 5.1879, 0.1873,
0.2845

 93.0884, 0.2611,
0.3144

 2.3579, 0.1568,
0.2683

 119.9856, 0.2651,
0.3157

 0.8041, 0.0736,
0.2464

 151.6210, 0.2686,
0.3168

 0.0000, 0.0000,
0.0000

188.3790, 0.2716,

0.3177

230.6439, 0.2742,
0.3186

■ 25.1935, 0.2347,
0.3050

■ 25.1935, 0.2347,
0.3050

■ 24.0529, 0.2266,
0.3004

■ 26.5064, 0.2445,
0.3095

■ 23.0676, 0.2204,
0.2958

■ 28.0011, 0.2559,
0.3138

■ 22.2218, 0.2160,
0.2912

■ 29.6900, 0.2687,
0.3180

■ 21.5072, 0.2130,
0.2869

■ 31.5832, 0.2825,
0.3219

■ 33.6903, 0.2970,
0.3255

■ 36.0201, 0.3120,
0.3289

■ 38.5812, 0.3273,
0.3319

■ 41.3813, 0.3425,
0.3346

■ 44.4281, 0.3575,
0.3370

Harmonies

Analogous

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



25.1935, 0.2561, 0.3481



25.1935, 0.2347, 0.3050



25.1935, 0.2326, 0.2731

Triad

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



25.1935, 0.2347, 0.3050



25.1935, 0.3282, 0.2789



25.1935, 0.3763, 0.4029

Complementary

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



25.1935, 0.2347, 0.3050



13.3710, 0.4824, 0.3489

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.



25.1935, 0.3991, 0.3778



25.1935, 0.2347, 0.3050



25.1935, 0.3708, 0.3081

Square

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



25.1935, 0.2347, 0.3050



25.1935, 0.2839, 0.2610



25.1935, 0.3975, 0.3433



25.1935, 0.3371, 0.4085

Rectangle

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



25.1935, 0.2347, 0.3050



25.1935, 0.2421, 0.2613



25.1935, 0.3975, 0.3433



25.1935, 0.3863, 0.3962

Sweetspot

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



25.1944, 0.2347, 0.3050



58.1112, 0.2855, 0.3227



27.4471, 0.2971, 0.4994



12.8221, 0.2815, 0.3216



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.



25.1944, 0.2347, 0.3050



42.9303, 0.2239, 0.2986



13.1281, 0.2137, 0.2101



7.8501, 0.2988, 0.3259



16.9897, 0.2131, 0.2873



0.3985, 0.2177, 0.3038

Inverse Universe

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



13.5264, 0.3380, 0.2063



20.6533, 0.3451, 0.1878



22.5833, 0.4302, 0.4207



7.1859, 0.3157, 0.3097



7.5592, 0.3568, 0.1739



0.1630, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 25.1935, 0.2347, 0.3050 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 25.1935, 0.2347, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

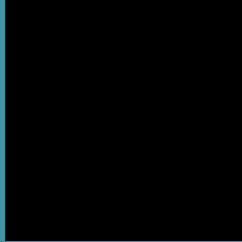
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1935, 0.2347, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 25.1935, 0.2347, 0.3050.

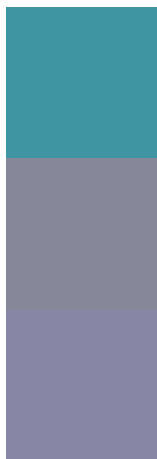


This preview shows how white text looks on a background with the Yxy color 25.1935, 0.2347, 0.3050.

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

25.1935, 0.2347, 0.3050

Protanopia

24.9766, 0.2937, 0.3008

Deuteranopia

25.0010, 0.2844, 0.2792



Tritanopia

25.1581, 0.2353, 0.3068

Trichromacy



Original Color

25.1935, 0.2347, 0.3050

Protanomaly

24.7013, 0.2675, 0.3027

Deuteranomaly

24.4606, 0.2616, 0.2861

Tritanomaly

25.1581, 0.2353, 0.3068

Monochromacy



Original Color

25.1935, 0.2347, 0.3050

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.7687, 0.2762, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1935, 0.2347, 0.3050 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(64, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(64, 149, 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(64, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 149, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.1935, 0.2347, 0.3050 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(64, 149, 162) }
```

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

```
.border{ border-color:rgb(64, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(64, 149,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1935, 0.2347, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 149, 162) }
```

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

```
.background{ background-color: rgb(64, 149,  
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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