

Converting Colors

$Y_{xy}(25.2821, 0.2364, 0.2536)$

Have a look what the booklet for
Yxy(25.2821, 0.2364, 0.2536)
contains.

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Color

Yxy(25.2343, 0.2367, 0.2538)

Conversions

Conversions Part 1

Format	Color
Hex	628DBB
RGB	98, 141, 187
RGB Percent	38%, 55%, 73%
CMY	0.6156, 0.4471, 0.2666
CMYK	0.48, 0.25, 0.00, 0.27
HSL	211°, 40%, 56%
HSV	211°, 48%, 73%
XYZ	23.5341, 25.2343, 50.6575
YIQ	133.3870, -40.3940, 5.1900

Conversions

Conversions Part 2

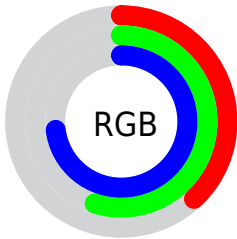
Format	Color
R_{YB}	98, 127, 187
Decimal	6458811
CIE _{Lab}	57.30, -1.99, -28.59
CIE _{LCh}	57, 28.658, 266.018
Yxy	25.2343, 0.2367, 0.2538
Android (android.graphics.Color)	4284648891 (0xFF628DBB)
YUV	133.3870, 26.4312, -31.0344
Hunter-Lab	50.2338, -4.2832, -24.6265

Details

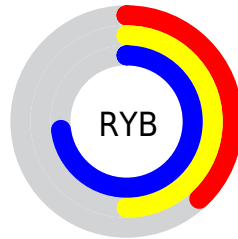
The Yxy color **25.2343, 0.2367, 0.2538** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.4080, 0.4086, 0.3927**, and the grayscale version is **23.5181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8269, 0.2523, 0.2690**, and **9.6956, 0.2110, 0.2274** is the 20% darker color. If you saturate the color by 10%, you get **21.5850, 0.2213, 0.2344**, and if you desaturate by 10%, it is **29.3776, 0.2528, 0.2722**.

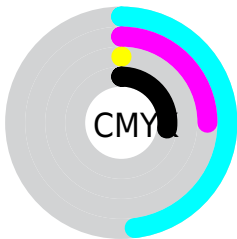
Distribution



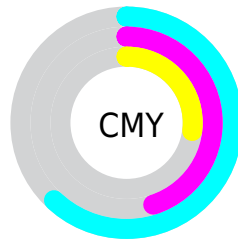
- Red (38%)
- Green (55%)
- Blue (73%)



- Red (38%)
- Yellow (50%)
- Blue (73%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2343, 0.2367, 0.2538 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 25.2343, 0.2367, 0.2538 by changing the saturation by 10% instead.

■ 25.2343, 0.2367,
0.2538

■ 25.2343, 0.2367,
0.2538

■ 279.0028, 0.2774,
0.2943

■ 16.2517, 0.2258,
0.2428

■ 52.0371, 0.2521,
0.2692

■ 9.7024, 0.2114,
0.2283

■ 70.6260, 0.2577,
0.2748

■ 5.2021, 0.1917,
0.2083

■ 93.1859, 0.2623,
0.2794

■ 2.3663, 0.1636,
0.1795

■ 120.1011, 0.2663,
0.2833

■ 0.8085, 0.1209,
0.1358

■ 151.7560, 0.2696,
0.2867

■ 0.0000, 0.0000,
0.0000

188.5350, 0.2726,

0.2896

230.8224, 0.2751,
0.2921

■ 25.2343, 0.2367,
0.2538

■ 25.2343, 0.2367,
0.2538

■ 21.5850, 0.2213,
0.2344

■ 29.3776, 0.2528,
0.2722

■ 18.4034, 0.2073,
0.2144

■ 34.0336, 0.2692,
0.2893

■ 15.6643, 0.1950,
0.1943

■ 39.2236, 0.2854,
0.3050

■ 13.3383, 0.1849,
0.1748

■ 44.9662, 0.3012,
0.3192

■ 11.3844, 0.1773,
0.1563

■ 51.2795, 0.3163,
0.3319

■ 10.9551, 0.1756,
0.1520

■ 58.1804, 0.3306,
0.3432

■ 65.6850, 0.3440,
0.3531

■ 73.8090, 0.3565,
0.3619

■ 80.3540, 0.3597,
0.3707

Harmonies

Analogous

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



25.2343, 0.2235, 0.2748



25.2343, 0.2367, 0.2538



25.2343, 0.2693, 0.2520

Triad

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



25.2343, 0.2367, 0.2538



25.2343, 0.4011, 0.3336



25.2343, 0.3035, 0.4037

Complementary

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



25.2343, 0.2367, 0.2538



31.4080, 0.4086, 0.3927

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.



25.2343, 0.3519, 0.4182



25.2343, 0.2367, 0.2538



25.2343, 0.4106, 0.3724

Square

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



25.2343, 0.2367, 0.2538



25.2343, 0.3653, 0.2964



25.2343, 0.3916, 0.4044



25.2343, 0.2597, 0.3632

Rectangle

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



25.2343, 0.2367, 0.2538



25.2343, 0.2994, 0.2606



25.2343, 0.3916, 0.4044



25.2343, 0.3198, 0.4120

Sweetspot

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



25.2352, 0.2367, 0.2538



73.5799, 0.2908, 0.3100



40.1621, 0.2766, 0.3989



15.7253, 0.2873, 0.3068



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.2352, 0.2367, 0.2538



38.4484, 0.2209, 0.2338



15.0068, 0.2248, 0.1819



9.9652, 0.2984, 0.3168



7.6893, 0.1762, 0.1541



0.4322, 0.1886, 0.1989

Inverse Universe

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



21.2283, 0.3774, 0.2700



31.7905, 0.3991, 0.2589



46.8150, 0.3806, 0.4441



9.6111, 0.3215, 0.3180



7.8059, 0.5006, 0.2531



0.3190, 0.4465, 0.2233

Previews

White Background



This preview shows how the Yxy color 25.2343, 0.2367, 0.2538 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 25.2343, 0.2367, 0.2538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

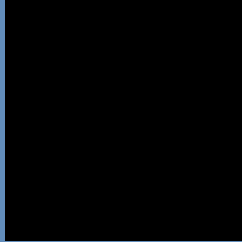
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

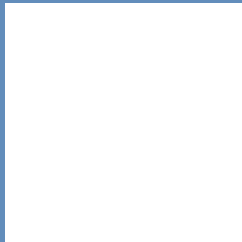
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2343, 0.2367, 0.2538

Background



This preview shows how black text looks on a background with the Yxy color 25.2343, 0.2367, 0.2538.



This preview shows how white text looks on a background with the Yxy color 25.2343, 0.2367, 0.2538.

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

25.2343, 0.2367, 0.2538

Protanopia

25.0319, 0.2582, 0.2533

Deuteranopia

25.0237, 0.2520, 0.2460



Tritanopia

25.1502, 0.2514, 0.3073

Trichromacy



Original Color

25.2343, 0.2367, 0.2538

Protanomaly

24.9969, 0.2503, 0.2537

Deuteranomaly

25.0329, 0.2460, 0.2479

Tritanomaly

25.0864, 0.2452, 0.2855

Monochromacy



Original Color

25.2343, 0.2367, 0.2538

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9013, 0.2795, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2343, 0.2367, 0.2538 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(98, 141, 187)` looks like.

```
.text, #text, p{  
    color:rgb(98, 141, 187)  
}
```

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(98, 141, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 141, 187) }
```

Border

The CSS property to change the border of an element to Yxy 25.2343, 0.2367, 0.2538 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(98, 141, 187) }
```

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

```
.border{ border-color:rgb(98, 141, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 141, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 141, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 141, 187);  
box-shadow:4px 4px 4px 4px rgb(98, 141,  
187) }
```


Background

The CSS property to change the background color of an element to `rgb(98, 141, 187)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 141, 187) }
```

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

```
.background{ background-color: rgb(98, 141,  
187) }
```

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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