

Converting Colors

$Y_{xy}(25.7472, 0.2106, 0.2093)$

Have a look what the booklet for
Yxy(25.7472, 0.2106, 0.2093)
contains.

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Color

Yxy(25.8083, 0.2109, 0.2097)

Conversions

Conversions Part 1

Format	Color
Hex	548CDC
RGB	84, 140, 220
RGB Percent	33%, 55%, 86%
CMY	0.6702, 0.4510, 0.1373
CMYK	0.62, 0.36, 0.00, 0.14
HSL	215°, 66%, 60%
HSV	215°, 62%, 86%
XYZ	25.9560, 25.8083, 71.3082
YIQ	132.3760, -59.0560, 13.0080

Conversions

Conversions Part 2

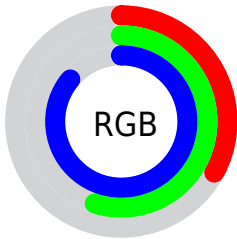
Format	Color
R_{YB}	84, 124, 220
Decimal	5541084
CIE _{Lab}	57.85, 6.05, -46.35
CIE _{LCh}	58, 46.741, 277.440
Yxy	25.8083, 0.2109, 0.2097
Android (android.graphics.Color)	4283731164 (0xFF548CDC)
YUV	132.3760, 43.1986, -42.4258
Hunter-Lab	50.8019, 2.2970, -47.6613

Details

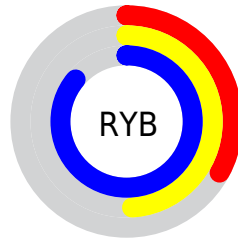
The Yxy color **25.8083, 0.2109, 0.2097** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **42.4340, 0.4392, 0.4197**, and the grayscale version is **23.0821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2892, 0.2409, 0.2541**, and **9.9927, 0.1822, 0.1758** is the 20% darker color. If you saturate the color by 10%, you get **21.3833, 0.1965, 0.1867**, and if you desaturate by 10%, it is **30.9991, 0.2269, 0.2325**.

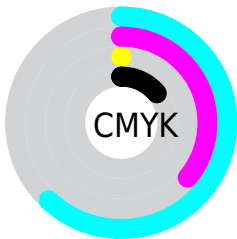
Distribution



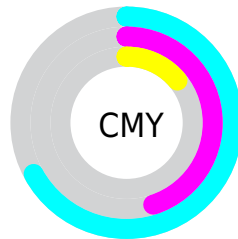
- Red (33%)
- Green (55%)
- Blue (86%)



- Red (33%)
- Yellow (49%)
- Blue (86%)



- Cyan (62%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8083, 0.2109, 0.2097 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 25.8083, 0.2109, 0.2097 by changing the saturation by 10% instead.

■ 25.8083, 0.2109,
0.2097

■ 25.8083, 0.2109,
0.2097

281.8398, 0.2641,
0.2708

■ 16.6803, 0.1974,
0.1946

■ 52.9655, 0.2305,
0.2319

■ 10.0068, 0.1803,
0.1756

■ 71.7635, 0.2378,
0.2403

■ 5.4035, 0.1580,
0.1512

■ 94.5536, 0.2439,
0.2474

■ 2.4859, 0.1284,
0.1196

■ 121.7203, 0.2492,
0.2534

■ 0.8696, 0.0895,
0.0793

153.6478, 0.2537,
0.2587

■ 0.0000, 0.0000,
0.0000

190.7206, 0.2576,

0.2632

233.3232, 0.2610,
0.2673

■ 25.8083, 0.2109,
0.2097

■ 25.8083, 0.2109,
0.2097

■ 21.3833, 0.1965,
0.1867

■ 30.9991, 0.2269,
0.2325

■ 17.6752, 0.1843,
0.1643

■ 36.9947, 0.2438,
0.2544

■ 14.6314, 0.1748,
0.1434

■ 43.8341, 0.2610,
0.2750

■ 12.5615, 0.1688,
0.1276

■ 51.5525, 0.2780,
0.2939

■ 60.1831, 0.2944,
0.3111

■ 69.7572, 0.3100,
0.3265

■ 80.3042, 0.3247,
0.3401

■ 90.8766, 0.3349,
0.3523

■ 97.9462, 0.3334,
0.3631

Harmonies

Analogous

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



25.8083, 0.1810, 0.2266



25.8083, 0.2109, 0.2097



25.8083, 0.2686, 0.2186

Triad

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



25.8083, 0.2109, 0.2097



25.8083, 0.4669, 0.3529



25.8083, 0.2664, 0.4339

Complementary

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



25.8083, 0.2109, 0.2097



42.4340, 0.4392, 0.4197

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.



25.8083, 0.3410, 0.4750



25.8083, 0.2109, 0.2097



25.8083, 0.4601, 0.4107

Square

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



25.8083, 0.2109, 0.2097



25.8083, 0.4241, 0.2968



25.8083, 0.4121, 0.4593



25.8083, 0.2084, 0.3516

Rectangle

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



25.8083, 0.2109, 0.2097



25.8083, 0.3197, 0.2370



25.8083, 0.4121, 0.4593



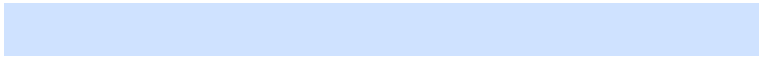
25.8083, 0.2904, 0.4541

Sweetspot

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



25.8092, 0.2109, 0.2097



75.0750, 0.2823, 0.2986



55.7216, 0.2653, 0.4118



15.3551, 0.2775, 0.2935



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.8092, 0.2109, 0.2097



28.3120, 0.1928, 0.1803



13.9769, 0.2003, 0.1342



13.4926, 0.2982, 0.3149



7.5812, 0.1696, 0.1304



0.6582, 0.1786, 0.1628

Inverse Universe

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



23.4609, 0.4240, 0.2659



27.2029, 0.4616, 0.2603



65.3218, 0.3899, 0.4771



13.1399, 0.3228, 0.3194



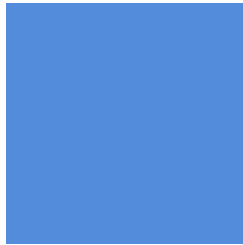
9.3891, 0.5321, 0.2705



0.6251, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 25.8083, 0.2109, 0.2097 looks on a white background.

Color Contrast Check

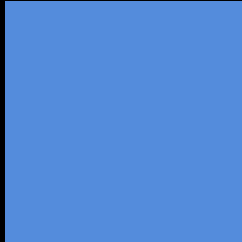
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8083, 0.2109, 0.2097 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

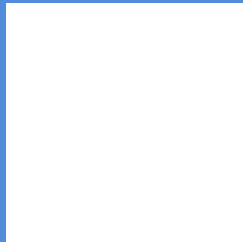
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8083, 0.2109, 0.2097

Background



This preview shows how black text looks on a background with the Yxy color 25.8083, 0.2109, 0.2097.



This preview shows how white text looks on a background with the Yxy color 25.8083, 0.2109, 0.2097.

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

25.8083, 0.2109, 0.2097

Protanopia

25.8174, 0.2258, 0.2119

Deuteranopia

25.9079, 0.2146, 0.2093



Tritanopia

25.6834, 0.2311, 0.3051

Trichromacy



Original Color

25.8083, 0.2109, 0.2097

Protanomaly

25.6104, 0.2199, 0.2108

Deuteranomaly

25.7564, 0.2130, 0.2089

Tritanomaly

25.5214, 0.2228, 0.2657

Monochromacy



Original Color

25.8083, 0.2109, 0.2097

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6531, 0.2652, 0.2796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8083, 0.2109, 0.2097 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(84, 140, 220)` looks like.

```
.text, #text, p{  
    color:rgb(84, 140, 220)  
}
```

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(84, 140, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 140, 220) }
```

Border

The CSS property to change the border of an element to Yxy 25.8083, 0.2109, 0.2097 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(84, 140, 220) }
```

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

```
.border{ border-color:rgb(84, 140, 220) }
```

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

Here you see how a box with a 4 pixel rgb(84, 140, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 140, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 140, 220);  
box-shadow:4px 4px 4px 4px rgb(84, 140,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8083, 0.2109, 0.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 140, 220) }
```

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

```
.background{ background-color: rgb(84, 140,  
220) }
```

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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