

Converting Colors

$Yxy(25.9158, 0.1942, 0.2186)$

Have a look what the booklet for
Yxy(25.9158, 0.1942, 0.2186)
contains.

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Color

Yxy(25.8901, 0.1943, 0.2188)

Conversions

Conversions Part 1

Format	Color
Hex	0393D9
RGB	3, 147, 217
RGB Percent	1%, 58%, 85%
CMY	0.9896, 0.4236, 0.1489
CMYK	0.99, 0.32, 0.00, 0.15
HSL	200°, 98%, 43%
HSV	200°, 99%, 85%
XYZ	22.9911, 25.8901, 69.4465
YIQ	111.9240, -108.2940, -8.7580

Conversions

Conversions Part 2

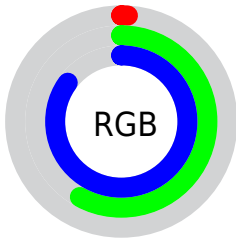
Format	Color
R_{YB}	3, 89, 217
Decimal	234457
CIE _{Lab}	57.93, -7.14, -44.69
CIE _{LCh}	58, 45.254, 260.925
Yxy	25.8901, 0.1943, 0.2188
Android (android.graphics.Color)	4278424537 (0xFF0393D9)
YUV	111.9240, 51.8025, -95.5263
Hunter-Lab	50.8823, -8.3892, -45.3041

Details

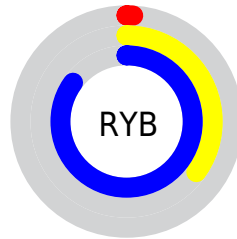
The Yxy color **25.8901, 0.1943, 0.2188** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **19.4859, 0.5883, 0.3698**, and the grayscale version is **16.0154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8769, 0.2241, 0.2611**, and **11.1580, 0.1870, 0.1933** is the 20% darker color. If you saturate the color by 10%, you get **25.6051, 0.1937, 0.2173**, and if you desaturate by 10%, it is **28.3458, 0.1996, 0.2311**.

Distribution



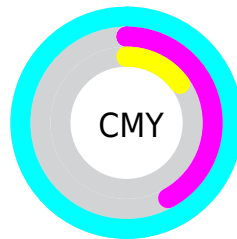
- Red (1%)
- Green (58%)
- Blue (85%)



- Red (1%)
- Yellow (35%)
- Blue (85%)



- Cyan (99%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (99%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8901, 0.1943, 0.2188 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 25.8901, 0.1943, 0.2188 by changing the saturation by 10% instead.

■ 25.8901, 0.1943,
0.2188

■ 25.8901, 0.1943,
0.2188

■ 282.2422, 0.2552,
0.2768

■ 16.7414, 0.1793,
0.2040

■ 53.0976, 0.2165,
0.2402

■ 10.0503, 0.1603,
0.1852

■ 71.9252, 0.2248,
0.2482

■ 5.4323, 0.1361,
0.1607

■ 94.7480, 0.2318,
0.2549

■ 2.5031, 0.1050,
0.1283

■ 121.9502, 0.2379,
0.2606

■ 0.8782, 0.0649,
0.0863

■ 153.9164, 0.2431,
0.2655

■ 0.0000, 0.0000,
0.0000

191.0308, 0.2476,

0.2697

233.6779, 0.2516,
0.2735

■ 25.8901, 0.1943,
0.2188

■ 25.8901, 0.1943,
0.2188

■ 25.6051, 0.1937,
0.2173

■ 28.3458, 0.1996,
0.2311

■ 31.1411, 0.2067,
0.2436

■ 34.3315, 0.2159,
0.2561

■ 37.9532, 0.2270,
0.2685

■ 42.0368, 0.2397,
0.2805

■ 46.6098, 0.2537,
0.2920

■ 51.6968, 0.2685,
0.3027

■ 57.3207, 0.2837,
0.3127

■ 63.5026, 0.2992,
0.3218

Harmonies

Analogous

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



25.8901, 0.1804, 0.2514



25.8901, 0.1943, 0.2188



25.8901, 0.2359, 0.2140

Triad

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



25.8901, 0.1943, 0.2188



25.8901, 0.4446, 0.3220



25.8901, 0.3073, 0.4590

Complementary

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



25.8901, 0.1943, 0.2188



19.4859, 0.5883, 0.3698

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.



25.8901, 0.3803, 0.4677



25.8901, 0.1943, 0.2188



25.8901, 0.4651, 0.3783

Square

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



25.8901, 0.1943, 0.2188



25.8901, 0.3817, 0.2709



25.8901, 0.4390, 0.4322



25.8901, 0.2397, 0.3968

Rectangle

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



25.8901, 0.1943, 0.2188



25.8901, 0.2781, 0.2241



25.8901, 0.4390, 0.4322



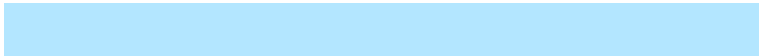
25.8901, 0.3320, 0.4682

Sweetspot

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



25.8909, 0.1943, 0.2188



73.3413, 0.2662, 0.3012



50.1039, 0.2878, 0.5551



15.0211, 0.2599, 0.2967



0.0000, 0.0000, 0.0000



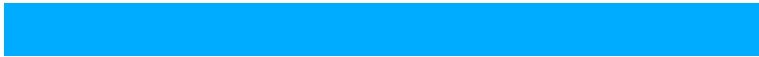
21.4041, 0.3127, 0.3290

Same Dimension

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



25.8909, 0.1943, 0.2188



36.6060, 0.1934, 0.2162



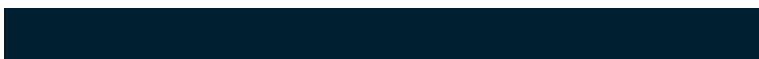
6.6809, 0.1551, 0.0774



14.0751, 0.2982, 0.3212



15.6964, 0.1942, 0.2191



1.1714, 0.1998, 0.2391

Inverse Universe

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



16.9190, 0.4244, 0.2117



24.2265, 0.4273, 0.2128



46.4915, 0.4555, 0.4759



13.1987, 0.3187, 0.3134



10.2083, 0.4242, 0.2111



0.6769, 0.4032, 0.1995

Previews

White Background



This preview shows how the Yxy color 25.8901, 0.1943, 0.2188 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 25.8901, 0.1943, 0.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

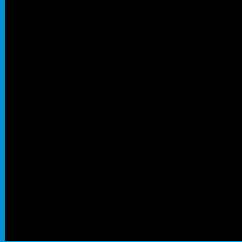
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8901, 0.1943, 0.2188

Background



This preview shows how black text looks on a background with the Yxy color 25.8901, 0.1943, 0.2188.



This preview shows how white text looks on a background with the Yxy color 25.8901, 0.1943, 0.2188.

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

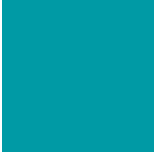
25.8965, 0.1943, 0.2189

Protanopia

25.7398, 0.2337, 0.2217

Deuteranopia

25.9594, 0.2162, 0.2107



Tritanopia

25.8278, 0.2190, 0.3082

Trichromacy



Original Color

25.8965, 0.1943, 0.2189

Protanomaly

24.9152, 0.2101, 0.2185

Deuteranomaly

25.4001, 0.2028, 0.2124

Tritanomaly

25.6004, 0.2086, 0.2707

Monochromacy



Original Color

25.8965, 0.1943, 0.2189

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

18.2470, 0.2375, 0.2794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8901, 0.1943, 0.2188 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(3, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(3, 147, 217)  
}
```

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(3, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 147, 217) }
```

Border

The CSS property to change the border of an element to Yxy 25.8901, 0.1943, 0.2188 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(3, 147, 217) }
```

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

```
.border{ border-color:rgb(3, 147, 217) }
```

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

Here you see how a box with a 4 pixel rgb(3, 147, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(3, 147,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8901, 0.1943, 0.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 147, 217) }
```

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

```
.background{ background-color: rgb(3, 147,  
217) }
```

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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