

Converting Colors

$Yxy(25.8317, 0.1921, 0.2115)$

Have a look what the booklet for
Yxy(25.8317, 0.1921, 0.2115)
contains.

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Color

Yxy(25.8317, 0.1921, 0.2115)

Conversions

Conversions Part 1

Format	Color
Hex	0092DE
RGB	0, 146, 222
RGB Percent	0%, 57%, 87%
CMY	0.9994, 0.4274, 0.1295
CMYK	1.00, 0.34, 0.00, 0.13
HSL	201°, 100%, 44%
HSV	201°, 100%, 87%
XYZ	23.4623, 25.8317, 72.8417
YIQ	111.0100, -111.4120, -7.3160

Conversions

Conversions Part 2

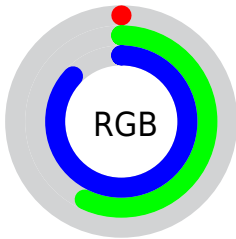
Format	Color
R _Y B	0, 88, 222
Decimal	37598
CIE Lab	57.88, -4.78, -47.54
CIE LCh	58, 47.785, 264.254
Yxy	25.8317, 0.1921, 0.2115
Android (android.graphics.Color)	4278227678 (0xFF0092DE)
YUV	111.0100, 54.7181, -97.3558
Hunter-Lab	50.8249, -6.5427, -49.3964

Details

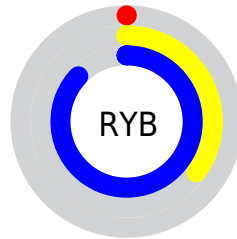
The Yxy color **25.8317, 0.1921, 0.2115** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **20.7125, 0.5873, 0.3718**, and the grayscale version is **15.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4716, 0.2242, 0.2598**, and **11.1189, 0.1850, 0.1859** is the 20% darker color. If you saturate the color by 10%, you get **25.8161, 0.1921, 0.2114**, and if you desaturate by 10%, it is **28.4286, 0.1974, 0.2244**.

Distribution



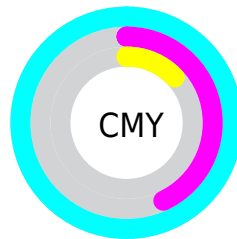
- Red (0%)
- Green (57%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8317, 0.1921, 0.2115 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 25.8317, 0.1921, 0.2115 by changing the saturation by 10% instead.

■ 25.8317, 0.1921,
0.2115

■ 25.8317, 0.1921,
0.2115

281.9549, 0.2539,
0.2727

■ 16.6978, 0.1769,
0.1962

■ 53.0033, 0.2145,
0.2339

■ 10.0192, 0.1579,
0.1768

■ 71.8098, 0.2230,
0.2423

■ 5.4117, 0.1337,
0.1519

■ 94.6092, 0.2302,
0.2494

■ 2.4908, 0.1029,
0.1196

■ 121.7861, 0.2363,
0.2554

■ 0.8720, 0.0642,
0.0787

■ 153.7246, 0.2416,
0.2606

■ 0.0000, 0.0000,
0.0000

190.8094, 0.2462,

0.2652

233.4247, 0.2503,
0.2691

■ 25.8317, 0.1921,
0.2115

■ 25.8317, 0.1921,
0.2115

■ 25.8161, 0.1921,
0.2114

■ 28.4286, 0.1974,
0.2244

■ 31.3831, 0.2045,
0.2375

■ 34.7627, 0.2137,
0.2507

■ 38.6068, 0.2249,
0.2639

■ 42.9490, 0.2376,
0.2766

■ 47.8188, 0.2516,
0.2887

■ 53.2432, 0.2665,
0.3001

■ 59.2465, 0.2819,
0.3107

■ 65.8519, 0.2974,
0.3203

Harmonies

Analogous

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



25.8317, 0.1744, 0.2416



25.8317, 0.1921, 0.2115



25.8317, 0.2385, 0.2097

Triad

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



25.8317, 0.1921, 0.2115



25.8317, 0.4570, 0.3273



25.8317, 0.2977, 0.4625

Complementary

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



25.8317, 0.1921, 0.2115



20.7125, 0.5873, 0.3718

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.



25.8317, 0.3748, 0.4772



25.8317, 0.1921, 0.2115



25.8317, 0.4723, 0.3862

Square

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



25.8317, 0.1921, 0.2115



25.8317, 0.3943, 0.2733



25.8317, 0.4394, 0.4421



25.8317, 0.2289, 0.3913

Rectangle

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



25.8317, 0.1921, 0.2115



25.8317, 0.2844, 0.2220



25.8317, 0.4394, 0.4421



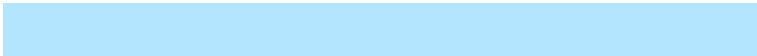
25.8317, 0.3236, 0.4744

Sweetspot

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



25.8325, 0.1921, 0.2115



72.6718, 0.2660, 0.2998



52.7283, 0.2870, 0.5532



14.8611, 0.2597, 0.2950



0.0000, 0.0000, 0.0000



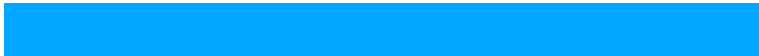
21.4041, 0.3127, 0.3290

Same Dimension

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



25.8325, 0.1921, 0.2115



35.1014, 0.1918, 0.2105



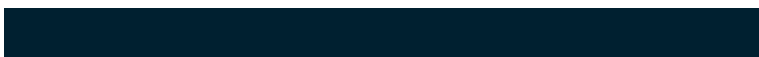
6.6043, 0.1537, 0.0733



14.7405, 0.2982, 0.3208



15.5516, 0.1926, 0.2133



1.2424, 0.1981, 0.2332

Inverse Universe

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



17.6050, 0.4325, 0.2156



24.0746, 0.4336, 0.2162



50.2277, 0.4525, 0.4788



13.8517, 0.3190, 0.3137



10.4780, 0.4305, 0.2145



0.7429, 0.4093, 0.2028

Previews

White Background



This preview shows how the Yxy color 25.8317, 0.1921, 0.2115 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 25.8317, 0.1921, 0.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

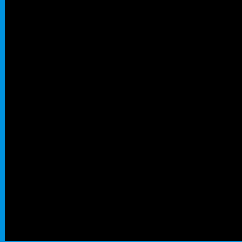
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8317, 0.1921, 0.2115

Background



This preview shows how black text looks on a background with the Yxy color 25.8317, 0.1921, 0.2115.

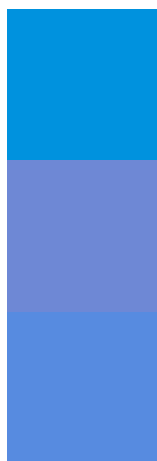


This preview shows how white text looks on a background with the Yxy color 25.8317, 0.1921, 0.2115.

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

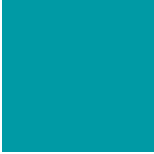
25.8317, 0.1921, 0.2115

Protanopia

25.7274, 0.2281, 0.2154

Deuteranopia

25.8733, 0.2102, 0.2044



Tritanopia

25.8278, 0.2190, 0.3082

Trichromacy



Original Color

25.8317, 0.1921, 0.2115

Protanomaly

25.0161, 0.2062, 0.2123

Deuteranomaly

25.4859, 0.1989, 0.2064

Tritanomaly

25.6784, 0.2077, 0.2676

Monochromacy



Original Color

25.8317, 0.1921, 0.2115

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.9893, 0.2356, 0.2754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8317, 0.1921, 0.2115 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(0, 146, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 222)  
}
```

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(0, 146, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 222) }
```

Border

The CSS property to change the border of an element to Yxy 25.8317, 0.1921, 0.2115 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(0, 146, 222) }
```

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

```
.border{ border-color:rgb(0, 146, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8317, 0.1921, 0.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 222) }
```

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

```
.background{ background-color: rgb(0, 146,  
222) }
```

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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