

Converting Colors

$Yxy(25.3461, 0.1886, 0.1988)$

Have a look what the booklet for
Yxy(25.3461, 0.1886, 0.1988)
contains.

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Color

$Y_{xy}(25.3085, 0.1887, 0.1992)$

Conversions

Conversions Part 1

Format	Color
Hex	008FE5
RGB	0, 143, 229
RGB Percent	0%, 56%, 90%
CMY	0.9984, 0.4392, 0.1019
CMYK	1.00, 0.38, 0.00, 0.10
HSL	203°, 100%, 45%
HSV	203°, 100%, 90%
XYZ	23.9745, 25.3085, 77.7677
YIQ	110.0470, -112.8340, -3.5700

Conversions

Conversions Part 2

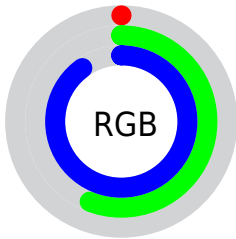
Format	Color
R _Y B	0, 88, 229
Decimal	36837
CIE Lab	57.37, -0.35, -52.27
CIE LCh	57, 52.269, 269.613
Yxy	25.3085, 0.1887, 0.1992
Android (android.graphics.Color)	4278226917 (0xFF008FE5)
YUV	110.0470, 58.6438, -96.5112
Hunter-Lab	50.3076, -2.9726, -56.4379

Details

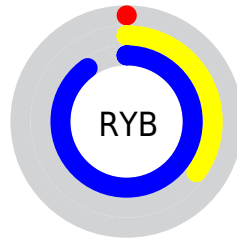
The Yxy color **25.3085, 0.1887, 0.1992** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **23.3865, 0.5782, 0.3789**, and the grayscale version is **15.4999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7031, 0.2234, 0.2546**, and **10.8458, 0.1809, 0.1713** is the 20% darker color. If you saturate the color by 10%, you get **25.2604, 0.1886, 0.1990**, and if you desaturate by 10%, it is **28.1801, 0.1944, 0.2133**.

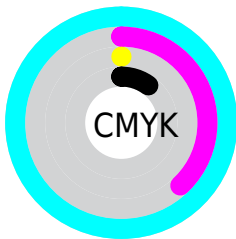
Distribution



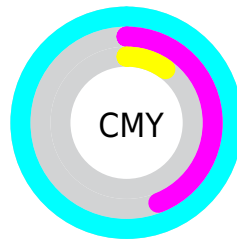
- Red (0%)
- Green (56%)
- Blue (90%)



- Red (0%)
- Yellow (35%)
- Blue (90%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)




- Cyan (100%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3085, 0.1887, 0.1992 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 25.3085, 0.1887, 0.1992 by changing the saturation by 10% instead.

 25.3085, 0.1887,
0.1992


 25.3085, 0.1887,
0.1992


279.3708, 0.2522,
0.2657


 16.3070, 0.1733,
0.1830


 52.1573, 0.2117,
0.2233


 9.7417, 0.1540,
0.1628


 70.7734, 0.2203,
0.2324

 5.2280, 0.1297,
0.1373

 93.3631, 0.2277,
0.2401

 2.3817, 0.0992,
0.1051

 120.3110, 0.2340,
0.2467

 0.8164, 0.0620,
0.0659

 152.0012, 0.2395,
0.2524

 0.0000, 0.0000,
0.0000

188.8184, 0.2443,

0.2574

231.1468, 0.2485,
0.2618

■ 25.3085, 0.1887,
0.1992

■ 25.3085, 0.1887,
0.1992

■ 25.2604, 0.1886,
0.1990

■ 28.1801, 0.1944,
0.2133

■ 31.4708, 0.2020,
0.2279

■ 35.2523, 0.2117,
0.2425

■ 39.5683, 0.2234,
0.2571

■ 44.4559, 0.2366,
0.2712

■ 49.9480, 0.2510,
0.2847

■ 56.0745, 0.2663,
0.2973

■ 62.8628, 0.2819,
0.3089

■ 70.3386, 0.2975,
0.3196

Harmonies

Analogous

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



25.3085, 0.1644, 0.2248



25.3085, 0.1887, 0.1992



25.3085, 0.2436, 0.2026

Triad

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



25.3085, 0.1887, 0.1992



25.3085, 0.4786, 0.3366



25.3085, 0.2802, 0.4677

Complementary

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



25.3085, 0.1887, 0.1992



23.3865, 0.5782, 0.3789

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.



25.3085, 0.3639, 0.4944



25.3085, 0.1887, 0.1992



25.3085, 0.4838, 0.4001

Square

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



25.3085, 0.1887, 0.1992



25.3085, 0.4175, 0.2776



25.3085, 0.4387, 0.4600



25.3085, 0.2100, 0.3799

Rectangle

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



25.3085, 0.1887, 0.1992



25.3085, 0.2965, 0.2186



25.3085, 0.4387, 0.4600



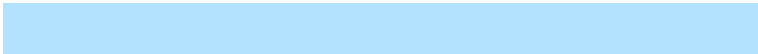
25.3085, 0.3078, 0.4849

Sweetspot

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



25.3093, 0.1887, 0.1992



71.2554, 0.2657, 0.2969



56.6988, 0.2846, 0.5444



14.5230, 0.2592, 0.2916



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.



25.3093, 0.1887, 0.1992



32.0365, 0.1884, 0.1981



6.6355, 0.1526, 0.0692



15.3774, 0.2981, 0.3199



14.6779, 0.1892, 0.2011



1.2619, 0.1950, 0.2219

Inverse Universe

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



18.6545, 0.4462, 0.2232



23.7652, 0.4474, 0.2238



57.2997, 0.4452, 0.4846



14.5184, 0.3195, 0.3144



10.6795, 0.4440, 0.2220



0.8071, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 25.3085, 0.1887, 0.1992 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 25.3085, 0.1887, 0.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

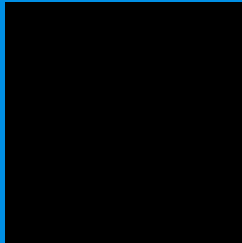
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

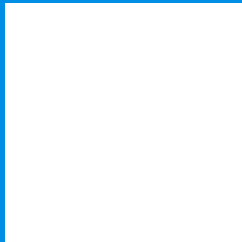
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3085, 0.1887, 0.1992

Background



This preview shows how black text looks on a background with the Yxy color 25.3085, 0.1887, 0.1992.



This preview shows how white text looks on a background with the Yxy color 25.3085, 0.1887, 0.1992.

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

25.3021, 0.1887, 0.1992

Protanopia

25.1542, 0.2188, 0.2026

Deuteranopia

25.2678, 0.2008, 0.1948



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.3021, 0.1887, 0.1992

Protanomaly

24.4314, 0.2004, 0.1986

Deuteranomaly

25.0502, 0.1933, 0.1954

Tritanomaly

25.0827, 0.2062, 0.2623

Monochromacy



Original Color

25.3021, 0.1887, 0.1992

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

17.5211, 0.2327, 0.2676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3085, 0.1887, 0.1992 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, 143, 229)` looks like.

```
.text, #text, p{  
  color:rgb(0, 143, 229)  
}
```

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, 143, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 229) }
```

Border

The CSS property to change the border of an element to Yxy 25.3085, 0.1887, 0.1992 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, 143, 229) }
```

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

```
.border{ border-color:rgb(0, 143, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 143, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 143, 229); box-shadow:4px 4px 4px 4px rgb(0, 143, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3085, 0.1887, 0.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 229) }
```

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

```
.background{ background-color: rgb(0, 143,  
229) }
```

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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