

Converting Colors

$Yxy(25.0111, 0.1902, 0.2026)$

Have a look what the booklet for
Yxy(25.0111, 0.1902, 0.2026)
contains.

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Color

$Y_{xy}(25.1392, 0.1905, 0.2035)$

Conversions

Conversions Part 1

Format	Color
Hex	0A8FE1
RGB	10, 143, 225
RGB Percent	4%, 56%, 88%
CMY	0.9623, 0.4393, 0.1176
CMYK	0.96, 0.36, 0.00, 0.12
HSL	203°, 92%, 46%
HSV	203°, 96%, 88%
XYZ	23.5333, 25.1392, 74.8617
YIQ	112.5810, -105.5900, -2.6940

Conversions

Conversions Part 2

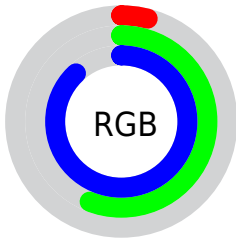
Format	Color
R _Y B	10, 92, 225
Decimal	692193
CIE Lab	57.21, -1.60, -50.30
CIE LCh	57, 50.321, 268.182
Yxy	25.1392, 0.1905, 0.2035
Android (android.graphics.Color)	4278882273 (0xFF0A8FE1)
YUV	112.5810, 55.4226, -89.9635
Hunter-Lab	50.1390, -3.9625, -53.4276

Details

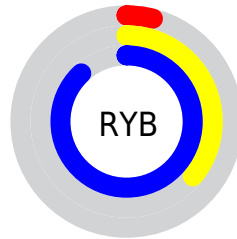
The Yxy color **25.1392, 0.1905, 0.2035** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **23.6265, 0.5673, 0.3840**, and the grayscale version is **16.2024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7640, 0.2238, 0.2547**, and **10.6933, 0.1822, 0.1759** is the 20% darker color. If you saturate the color by 10%, you get **23.9964, 0.1882, 0.1974**, and if you desaturate by 10%, it is **28.0587, 0.1969, 0.2180**.

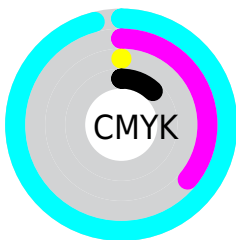
Distribution



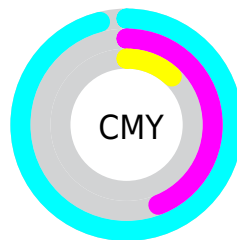
- Red (4%)
- Green (56%)
- Blue (88%)



- Red (4%)
- Yellow (36%)
- Blue (88%)



- Cyan (96%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (96%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1392, 0.1905, 0.2035 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 25.1392, 0.1905, 0.2035 by changing the saturation by 10% instead.

■ 25.1392, 0.1905,
0.2035

■ 25.1392, 0.1905,
0.2035

278.5305, 0.2533,
0.2683

■ 16.1808, 0.1751,
0.1875

■ 51.8830, 0.2133,
0.2271

■ 9.6522, 0.1559,
0.1675

■ 70.4371, 0.2219,
0.2360

■ 5.1690, 0.1315,
0.1420

■ 92.9586, 0.2292,
0.2435

■ 2.3467, 0.1006,
0.1095

■ 119.8319, 0.2354,
0.2499

■ 0.7983, 0.0623,
0.0691

■ 151.4413, 0.2408,
0.2554

■ 0.0000, 0.0000,
0.0000

188.1713, 0.2455,

0.2603

230.4062, 0.2496,
0.2645

■ 25.1392, 0.1905,
0.2035

■ 25.1392, 0.1905,
0.2035

■ 23.9964, 0.1882,
0.1974

■ 28.0587, 0.1969,
0.2180

■ 31.4240, 0.2055,
0.2327

■ 35.2829, 0.2161,
0.2476

■ 39.6744, 0.2285,
0.2622

■ 44.6325, 0.2423,
0.2762

■ 50.1875, 0.2572,
0.2895

■ 56.3671, 0.2726,
0.3019

■ 63.1970, 0.2883,
0.3132

■ 70.7012, 0.3039,
0.3236

Harmonies

Analogous

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



25.1392, 0.1682, 0.2303



25.1392, 0.1905, 0.2035



25.1392, 0.2427, 0.2054

Triad

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



25.1392, 0.1905, 0.2035



25.1392, 0.4712, 0.3342



25.1392, 0.2855, 0.4650

Complementary

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



25.1392, 0.1905, 0.2035



23.6265, 0.5673, 0.3840

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.



25.1392, 0.3668, 0.4881



25.1392, 0.1905, 0.2035



25.1392, 0.4794, 0.3959

Square

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



25.1392, 0.1905, 0.2035



25.1392, 0.4101, 0.2769



25.1392, 0.4382, 0.4541



25.1392, 0.2161, 0.3828

Rectangle

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



25.1392, 0.1905, 0.2035



25.1392, 0.2932, 0.2203



25.1392, 0.4382, 0.4541



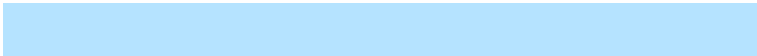
25.1392, 0.3125, 0.4805

Sweetspot

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



25.1400, 0.1905, 0.2035



71.8985, 0.2672, 0.2977



54.6392, 0.2831, 0.5364



14.6398, 0.2606, 0.2923



0.0000, 0.0000, 0.0000



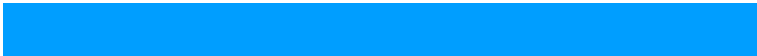
21.4041, 0.3127, 0.3290

Same Dimension

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



25.1400, 0.1905, 0.2035



31.6341, 0.1879, 0.1965



6.9073, 0.1548, 0.0742



14.6496, 0.2981, 0.3199



14.0571, 0.1888, 0.1996



1.1456, 0.1949, 0.2218

Inverse Universe

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



18.2026, 0.4410, 0.2222



23.7246, 0.4493, 0.2249



55.6483, 0.4432, 0.4843



13.8425, 0.3196, 0.3146



10.3271, 0.4457, 0.2229



0.7331, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 25.1392, 0.1905, 0.2035 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 25.1392, 0.1905, 0.2035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

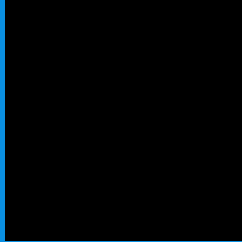
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

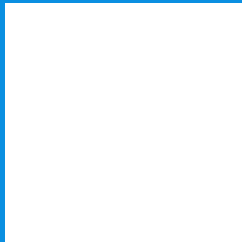
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1392, 0.1905, 0.2035

Background



This preview shows how black text looks on a background with the Yxy color 25.1392, 0.1905, 0.2035.



This preview shows how white text looks on a background with the Yxy color 25.1392, 0.1905, 0.2035.

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

25.1457, 0.1905, 0.2036

Protanopia

25.0632, 0.2221, 0.2071

Deuteranopia

24.9601, 0.2041, 0.1979



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.1457, 0.1905, 0.2036

Protanomaly

24.3607, 0.2035, 0.2032

Deuteranomaly

24.6863, 0.1958, 0.1983

Tritanomaly

25.0594, 0.2069, 0.2639

Monochromacy



Original Color

25.1457, 0.1905, 0.2036

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

17.9617, 0.2367, 0.2702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1392, 0.1905, 0.2035 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(10, 143, 225)` looks like.

```
.text, #text, p{  
    color:rgb(10, 143, 225)  
}
```

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(10, 143, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 143, 225) }
```

Border

The CSS property to change the border of an element to Yxy 25.1392, 0.1905, 0.2035 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(10, 143, 225) }
```

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

```
.border{ border-color:rgb(10, 143, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 143, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 143, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 143, 225);  
box-shadow:4px 4px 4px 4px rgb(10, 143,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1392, 0.1905, 0.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 143, 225) }
```

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

```
.background{ background-color: rgb(10, 143,  
225) }
```

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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