

Converting Colors

$Yxy(24.4016, 0.1743, 0.1793)$

Have a look what the booklet for
Yxy(24.4016, 0.1743, 0.1793)
contains.

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Color

Yxy(25.5208, 0.1841, 0.1828)

Conversions

Conversions Part 1

Format	Color
Hex	008DF3
RGB	0, 141, 243
RGB Percent	0%, 55%, 95%
CMY	1.0000, 0.4470, 0.0469
CMYK	1.00, 0.42, 0.00, 0.05
HSL	205°, 100%, 48%
HSV	205°, 100%, 95%
XYZ	25.7023, 25.5208, 88.3874
YIQ	110.4690, -116.7780, 1.8300

Conversions

Conversions Part 2

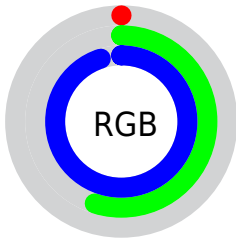
Format	Color
R _{YB}	0, 89, 243
Decimal	36339
CIE Lab	57.58, 6.18, -59.71
CIE LCh	58, 60.027, 275.908
Yxy	25.5208, 0.1841, 0.1828
Android (android.graphics.Color)	4278226419 (0xFF008DF3)
YUV	110.4690, 65.3378, -96.8813
Hunter-Lab	50.5181, 2.4094, -68.3722

Details

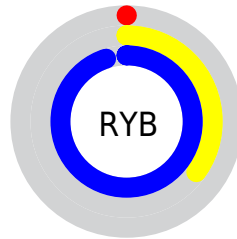
The Yxy color **25.5208, 0.1841, 0.1828** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **28.5674, 0.5669, 0.3881**, and the grayscale version is **15.5701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0548, 0.2244, 0.2522**, and **11.1995, 0.1767, 0.1559** is the 20% darker color. If you saturate the color by 10%, you get **25.5236, 0.1841, 0.1828**, and if you desaturate by 10%, it is **28.8703, 0.1902, 0.1985**.

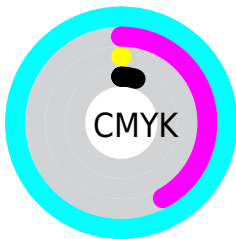
Distribution



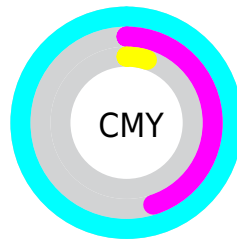
- Red (0%)
- Green (55%)
- Blue (95%)



- Red (0%)
- Yellow (35%)
- Blue (95%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (5%)




- Cyan (100%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5208, 0.1841, 0.1828 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 25.5208, 0.1841, 0.1828 by changing the saturation by 10% instead.


 25.5208, 0.1841,
0.1828

 25.5208, 0.1841,
0.1828


280.4217, 0.2494,
0.2556


 16.4655, 0.1685,
0.1659


 52.5009, 0.2075,
0.2086


 9.8541, 0.1494,
0.1452


 71.1944, 0.2164,
0.2185


 5.3024, 0.1256,
0.1199

 93.8695, 0.2240,
0.2270

 2.4257, 0.0962,
0.0893

 120.9105, 0.2305,
0.2343

 0.8391, 0.0613,
0.0540

 152.7018, 0.2362,
0.2406

 0.0000, 0.0000,
0.0000

189.6279, 0.2411,

0.2462

232.0730, 0.2455,
0.2512

■ 25.5208, 0.1841,
0.1828

■ 25.5208, 0.1841,
0.1828

■ 25.5236, 0.1841,
0.1828

■ 28.8703, 0.1902,
0.1985

■ 32.7488, 0.1983,
0.2147

■ 37.2429, 0.2086,
0.2312

■ 42.4054, 0.2209,
0.2476

■ 48.2813, 0.2347,
0.2636

■ 54.9108, 0.2497,
0.2789

■ 62.3300, 0.2654,
0.2931

■ 70.5726, 0.2813,
0.3063

■ 79.6698, 0.2972,
0.3182

Harmonies

Analogous

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



25.5208, 0.1510, 0.2023



25.5208, 0.1841, 0.1828



25.5208, 0.2514, 0.1929

Triad

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



25.5208, 0.1841, 0.1828



25.5208, 0.5083, 0.3486



25.5208, 0.2550, 0.4739

Complementary

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



25.5208, 0.1841, 0.1828



28.5674, 0.5669, 0.3881

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.



25.5208, 0.3472, 0.5200



25.5208, 0.1841, 0.1828



25.5208, 0.4976, 0.4188

Square

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



25.5208, 0.1841, 0.1828



25.5208, 0.4515, 0.2831



25.5208, 0.4355, 0.4860



25.5208, 0.1839, 0.3618

Rectangle

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



25.5208, 0.1841, 0.1828



25.5208, 0.3146, 0.2138



25.5208, 0.4355, 0.4860



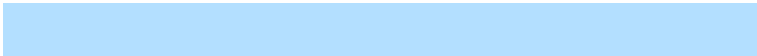
25.5208, 0.2847, 0.4995

Sweetspot

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



25.5236, 0.1841, 0.1828



69.4580, 0.2653, 0.2930



65.0630, 0.2807, 0.5307



14.0952, 0.2586, 0.2871



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.



25.5236, 0.1841, 0.1828



28.3839, 0.1840, 0.1824



6.9821, 0.1512, 0.0642



17.5240, 0.2980, 0.3188



14.2773, 0.1848, 0.1853



1.4578, 0.1903, 0.2050

Inverse Universe

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



20.9830, 0.4652, 0.2336



23.3965, 0.4657, 0.2339



71.7156, 0.4350, 0.4928



16.6438, 0.3203, 0.3154



11.5407, 0.4623, 0.2320



1.0348, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 25.5208, 0.1841, 0.1828 looks on a white background.

Color Contrast Check

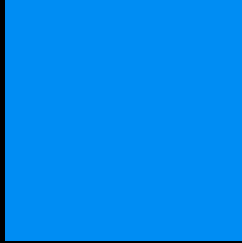
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5208, 0.1841, 0.1828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

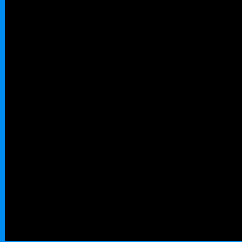
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

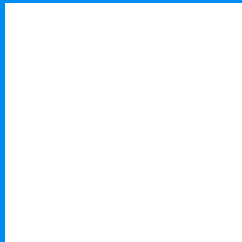
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5208, 0.1841, 0.1828

Background



This preview shows how black text looks on a background with the Yxy color 25.5208, 0.1841, 0.1828.



This preview shows how white text looks on a background with the Yxy color 25.5208, 0.1841, 0.1828.

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

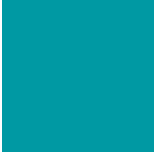
25.5208, 0.1841, 0.1828

Protanopia

25.4335, 0.2066, 0.1865

Deuteranopia

25.7195, 0.1886, 0.1829



Tritanopia

25.4268, 0.2194, 0.3099

Trichromacy



Original Color

25.5208, 0.1841, 0.1828

Protanomaly

25.0531, 0.1929, 0.1836

Deuteranomaly

25.4602, 0.1860, 0.1821

Tritanomaly

25.3007, 0.2042, 0.2549

Monochromacy



Original Color

25.5208, 0.1841, 0.1828

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

17.4455, 0.2289, 0.2570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5208, 0.1841, 0.1828 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, 141, 243)` looks like.

```
.text, #text, p{  
  color:rgb(0, 141, 243)  
}
```

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, 141, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 243) }
```

Border

The CSS property to change the border of an element to Yxy 25.5208, 0.1841, 0.1828 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, 141, 243) }
```

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

```
.border{ border-color:rgb(0, 141, 243) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5208, 0.1841, 0.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 243) }
```

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

```
.background{ background-color: rgb(0, 141,  
243) }
```

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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