

Converting Colors

$Yxy(26.4086, 0.1901, 0.2043)$

Have a look what the booklet for
Yxy(26.4086, 0.1901, 0.2043)
contains.

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Color

Yxy(26.5246, 0.1904, 0.2055)

Conversions

Conversions Part 1

Format	Color
Hex	0093E5
RGB	0, 147, 229
RGB Percent	0%, 58%, 90%
CMY	1.0000, 0.4235, 0.1019
CMYK	1.00, 0.36, 0.00, 0.10
HSL	201°, 100%, 45%
HSV	201°, 100%, 90%
XYZ	24.5756, 26.5246, 77.9733
YIQ	112.3950, -113.9340, -5.6620

Conversions

Conversions Part 2

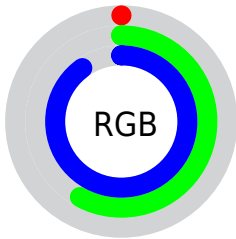
Format	Color
R _{YB}	0, 90, 229
Decimal	37861
CIE _{Lab}	58.53, -2.72, -50.43
CIE _{LCh}	59, 50.504, 266.911
Yxy	26.5246, 0.1904, 0.2055
Android (android.graphics.Color)	4278227941 (0xFF0093E5)
YUV	112.3950, 57.4863, -98.5704
Hunter-Lab	51.5020, -4.9525, -53.7127

Details

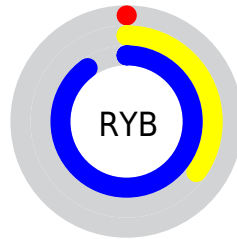
The Yxy color **26.5246, 0.1904, 0.2055** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **22.7007, 0.5836, 0.3748**, and the grayscale version is **16.1802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9965, 0.2249, 0.2612**, and **11.5665, 0.1831, 0.1792** is the 20% darker color. If you saturate the color by 10%, you get **26.5279, 0.1904, 0.2055**, and if you desaturate by 10%, it is **29.3516, 0.1959, 0.2190**.

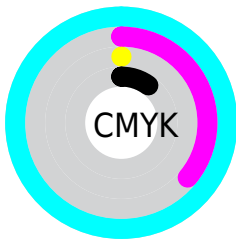
Distribution



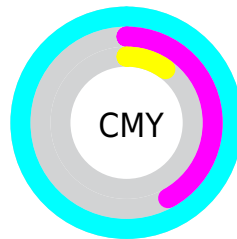
- Red (0%)
- Green (58%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (42%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5246, 0.1904, 0.2055 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 26.5246, 0.1904, 0.2055 by changing the saturation by 10% instead.

■ 26.5246, 0.1904,
0.2055

■ 26.5246, 0.1904,
0.2055

285.3479, 0.2527,
0.2689

■ 17.2165, 0.1753,
0.1899

■ 54.1201, 0.2129,
0.2285

■ 10.3890, 0.1565,
0.1705

■ 73.1762, 0.2214,
0.2372

■ 5.6576, 0.1327,
0.1457

■ 96.2505, 0.2286,
0.2446

■ 2.6380, 0.1027,
0.1142

■ 123.7273, 0.2348,
0.2508

■ 0.9458, 0.0658,
0.0749

■ 155.9911, 0.2402,
0.2563

■ 0.0000, 0.0000,
0.0000

193.4262, 0.2449,

0.2610

236.4170, 0.2490,
0.2652

■ 26.5246, 0.1904,
0.2055

■ 26.5246, 0.1904,
0.2055

■ 26.5279, 0.1904,
0.2055

■ 29.3516, 0.1959,
0.2190

■ 32.5753, 0.2032,
0.2328

■ 36.2710, 0.2126,
0.2467

■ 40.4818, 0.2240,
0.2605

■ 45.2443, 0.2369,
0.2739

■ 50.5912, 0.2511,
0.2867

■ 56.5516, 0.2662,
0.2986

■ 63.1527, 0.2817,
0.3097

■ 70.4195, 0.2973,
0.3199

Harmonies

Analogous

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



26.5246, 0.1695, 0.2334



26.5246, 0.1904, 0.2055



26.5246, 0.2409, 0.2062

Triad

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



26.5246, 0.1904, 0.2055



26.5246, 0.4675, 0.3318



26.5246, 0.2894, 0.4652

Complementary

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



26.5246, 0.1904, 0.2055



22.7007, 0.5836, 0.3748

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.



26.5246, 0.3697, 0.4854



26.5246, 0.1904, 0.2055



26.5246, 0.4781, 0.3929

Square

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



26.5246, 0.1904, 0.2055



26.5246, 0.4053, 0.2754



26.5246, 0.4393, 0.4507



26.5246, 0.2198, 0.3860

Rectangle

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



26.5246, 0.1904, 0.2055



26.5246, 0.2901, 0.2203



26.5246, 0.4393, 0.4507



26.5246, 0.3161, 0.4795

Sweetspot

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



26.5279, 0.1904, 0.2055



72.0127, 0.2659, 0.2984



56.6358, 0.2859, 0.5492



14.7037, 0.2594, 0.2935



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.



26.5279, 0.1904, 0.2055



33.6551, 0.1902, 0.2047



6.8231, 0.1530, 0.0709



15.4225, 0.2981, 0.3204



15.3988, 0.1910, 0.2076



1.3121, 0.1965, 0.2273

Inverse Universe

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



18.7694, 0.4391, 0.2193



23.9286, 0.4399, 0.2197



55.5469, 0.4489, 0.4817



14.5230, 0.3192, 0.3140



10.7522, 0.4368, 0.2180



0.8121, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 26.5246, 0.1904, 0.2055 looks on a white background.

Color Contrast Check

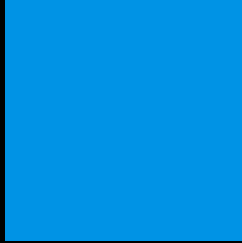
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5246, 0.1904, 0.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

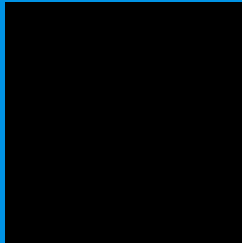
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

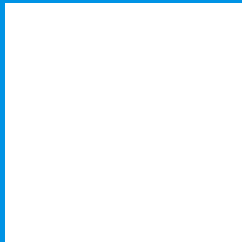
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5246, 0.1904, 0.2055

Background



This preview shows how black text looks on a background with the Yxy color 26.5246, 0.1904, 0.2055.

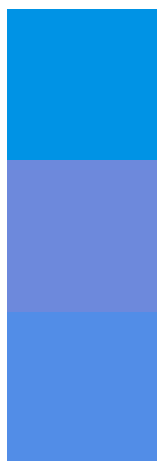


This preview shows how white text looks on a background with the Yxy color 26.5246, 0.1904, 0.2055.

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

26.5246, 0.1904, 0.2055

Protanopia

26.3098, 0.2240, 0.2092

Deuteranopia

26.6131, 0.2057, 0.1996



Tritanopia

26.5670, 0.2190, 0.3085

Trichromacy



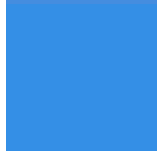
Original Color

26.5246, 0.1904, 0.2055



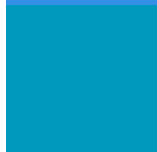
Protanomaly

25.6427, 0.2034, 0.2062



Deuteranomaly

26.0882, 0.1961, 0.2004



Tritanomaly

26.5002, 0.2070, 0.2652

Monochromacy



Original Color

26.5246, 0.1904, 0.2055



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.3734, 0.2333, 0.2704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5246, 0.1904, 0.2055 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, 147, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 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, 147, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 229) }
```

Border

The CSS property to change the border of an element to Yxy 26.5246, 0.1904, 0.2055 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, 147, 229) }
```

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

```
.border{ border-color:rgb(0, 147, 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, 147, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 147, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 147, 229); box-shadow:4px 4px 4px 4px rgb(0, 147, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5246, 0.1904, 0.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 229) }
```

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

```
.background{ background-color: rgb(0, 147,  
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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