

Converting Colors

$Yxy(27.4633, 0.1911, 0.2025)$

Have a look what the booklet for
Yxy(27.4633, 0.1911, 0.2025)
contains.

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Color

Yxy(27.3374, 0.1908, 0.2014)

Conversions

Conversions Part 1

Format	Color
Hex	1594EB
RGB	21, 148, 235
RGB Percent	8%, 58%, 92%
CMY	0.9162, 0.4196, 0.0785
CMYK	0.91, 0.37, 0.00, 0.08
HSL	204°, 84%, 50%
HSV	204°, 91%, 92%
XYZ	25.8986, 27.3374, 82.5009
YIQ	119.9450, -103.6190, 0.1330

Conversions

Conversions Part 2

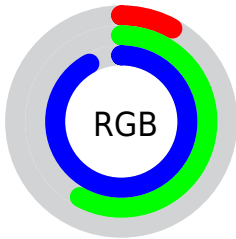
Format	Color
R _Y B	21, 101, 235
Decimal	1414379
CIE Lab	59.29, -0.35, -52.53
CIE LCh	59, 52.531, 269.615
Yxy	27.3374, 0.1908, 0.2014
Android (android.graphics.Color)	4279604459 (0xFF1594EB)
YUV	119.9450, 56.7221, -86.7748
Hunter-Lab	52.2852, -3.0821, -56.9541

Details

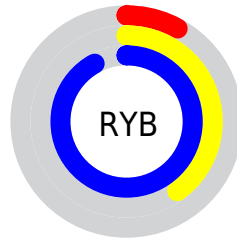
The Yxy color **27.3374, 0.1908, 0.2014** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **28.5188, 0.5493, 0.3936**, and the grayscale version is **18.6393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8406, 0.2275, 0.2629**, and **11.9900, 0.1818, 0.1743** is the 20% darker color. If you saturate the color by 10%, you get **24.5466, 0.1854, 0.1876**, and if you desaturate by 10%, it is **30.8569, 0.1986, 0.2171**.

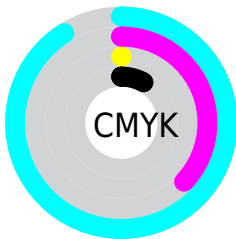
Distribution



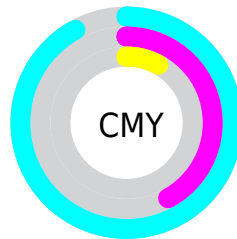
- Red (8%)
- Green (58%)
- Blue (92%)



- Red (8%)
- Yellow (40%)
- Blue (92%)



- Cyan (91%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (42%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3374, 0.1908, 0.2014 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 27.3374, 0.1908, 0.2014 by changing the saturation by 10% instead.

■ 27.3374, 0.1908,
0.2014

■ 27.3374, 0.1908,
0.2014

■ 289.2871, 0.2526,
0.2661

■ 17.8268, 0.1759,
0.1858

■ 55.4248, 0.2130,
0.2247

■ 10.8257, 0.1575,
0.1664

■ 74.7704, 0.2214,
0.2335

■ 5.9498, 0.1342,
0.1420

■ 98.1631, 0.2286,
0.2410

■ 2.8145, 0.1050,
0.1112

■ 125.9873, 0.2348,
0.2475

■ 1.0357, 0.0691,
0.0735

■ 158.6274, 0.2401,
0.2531

■ 0.0000, 0.0000,
0.0000

196.4678, 0.2448,

0.2580

239.8929, 0.2489,
0.2623

■ 27.3374, 0.1908,
0.2014

■ 27.3374, 0.1908,
0.2014

■ 24.5466, 0.1854,
0.1876

■ 30.8569, 0.1986,
0.2171

■ 34.9255, 0.2085,
0.2331

■ 39.5927, 0.2204,
0.2490

■ 44.8998, 0.2340,
0.2644

■ 50.8835, 0.2487,
0.2792

■ 57.5772, 0.2642,
0.2931

■ 65.0113, 0.2800,
0.3059

■ 73.2144, 0.2958,
0.3176

■ 82.2131, 0.3113,
0.3281

Harmonies

Analogous

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



27.3374, 0.1668, 0.2268



27.3374, 0.1908, 0.2014



27.3374, 0.2450, 0.2046

Triad

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



27.3374, 0.1908, 0.2014



27.3374, 0.4753, 0.3369



27.3374, 0.2811, 0.4645

Complementary

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



27.3374, 0.1908, 0.2014



28.5188, 0.5493, 0.3936

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.



27.3374, 0.3634, 0.4910



27.3374, 0.1908, 0.2014



27.3374, 0.4807, 0.3994

Square

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



27.3374, 0.1908, 0.2014



27.3374, 0.4154, 0.2787



27.3374, 0.4368, 0.4580



27.3374, 0.2120, 0.3789

Rectangle

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



27.3374, 0.1908, 0.2014



27.3374, 0.2970, 0.2204



27.3374, 0.4368, 0.4580



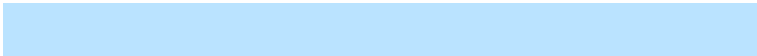
27.3374, 0.3082, 0.4813

Sweetspot

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



27.3382, 0.1908, 0.2014



72.5944, 0.2702, 0.2981



60.6322, 0.2789, 0.5176



14.9008, 0.2648, 0.2936



0.0000, 0.0000, 0.0000



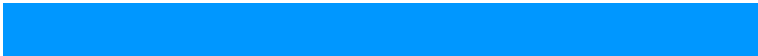
21.4041, 0.3127, 0.3290

Same Dimension

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



27.3382, 0.1908, 0.2014



29.4014, 0.1853, 0.1869



7.8693, 0.1565, 0.0762



16.0334, 0.2981, 0.3192



13.9197, 0.1861, 0.1900



1.2813, 0.1920, 0.2112

Inverse Universe

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



20.3483, 0.4428, 0.2259



23.4992, 0.4603, 0.2310



65.6211, 0.4345, 0.4887



15.2039, 0.3200, 0.3151



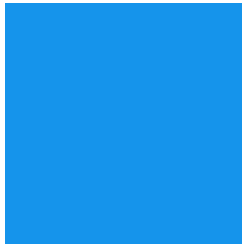
10.8980, 0.4568, 0.2290



0.8748, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 27.3374, 0.1908, 0.2014 looks on a white background.

Color Contrast Check

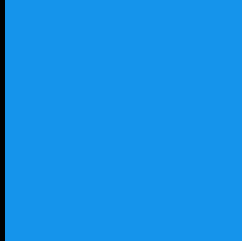
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3374, 0.1908, 0.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

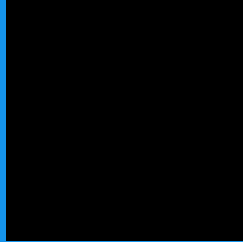
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

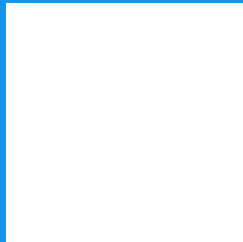
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3374, 0.1908, 0.2014

Background



This preview shows how black text looks on a background with the Yxy color 27.3374, 0.1908, 0.2014.



This preview shows how white text looks on a background with the Yxy color 27.3374, 0.1908, 0.2014.

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

27.3374, 0.1908, 0.2014

Protanopia

27.1994, 0.2204, 0.2047

Deuteranopia

27.3208, 0.2028, 0.1972



Tritanopia

27.3183, 0.2191, 0.3087

Trichromacy



Original Color

27.3374, 0.1908, 0.2014

Protanomaly

26.5957, 0.2039, 0.2013

Deuteranomaly

27.1768, 0.1963, 0.1979

Tritanomaly

27.0131, 0.2069, 0.2627

Monochromacy



Original Color

27.3374, 0.1908, 0.2014

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.4587, 0.2396, 0.2699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3374, 0.1908, 0.2014 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(21, 148, 235)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 235)  
}
```

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(21, 148, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 235) }
```

Border

The CSS property to change the border of an element to Yxy 27.3374, 0.1908, 0.2014 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(21, 148, 235) }
```

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

```
.border{ border-color:rgb(21, 148, 235) }
```

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

Here you see how a box with a 4 pixel rgb(21, 148, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 235);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3374, 0.1908, 0.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 235) }
```

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

```
.background{ background-color: rgb(21, 148,  
235) }
```

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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