

Converting Colors

$Yxy(24.1007, 0.1868, 0.1924)$

Have a look what the booklet for
Yxy(24.1007, 0.1868, 0.1924)
contains.

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Color

Yxy(24.1224, 0.1869, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	008BE5
RGB	0, 139, 229
RGB Percent	0%, 55%, 90%
CMY	1.0000, 0.4549, 0.1019
CMYK	1.00, 0.39, 0.00, 0.10
HSL	204°, 100%, 45%
HSV	204°, 100%, 90%
XYZ	23.3721, 24.1224, 77.5568
YIQ	107.6990, -111.7340, -1.4780

Conversions

Conversions Part 2

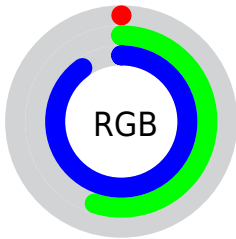
Format	Color
R_{YB}	0, 86, 229
Decimal	35813
CIE _{Lab}	56.21, 2.00, -54.11
CIE _{LCh}	56, 54.151, 272.115
Yxy	24.1224, 0.1869, 0.1929
Android (android.graphics.Color)	4278225893 (0xFF008BE5)
YUV	107.6990, 59.8014, -94.4520
Hunter-Lab	49.1146, -1.0079, -59.2447

Details

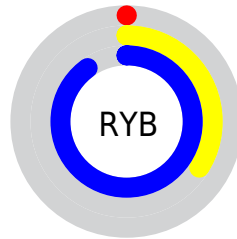
The Yxy color **24.1224, 0.1869, 0.1929** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **23.9707, 0.5739, 0.3825**, and the grayscale version is **14.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9225, 0.2222, 0.2493**, and **10.3295, 0.1793, 0.1654** is the 20% darker color. If you saturate the color by 10%, you get **24.1255, 0.1869, 0.1929**, and if you desaturate by 10%, it is **27.0212, 0.1928, 0.2076**.

Distribution



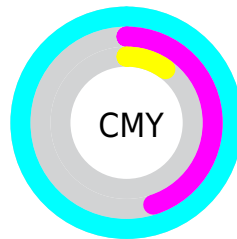
- Red (0%)
- Green (55%)
- Blue (90%)



- Red (0%)
- Yellow (34%)
- Blue (90%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (10%)




- Cyan (100%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1224, 0.1869, 0.1929 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 24.1224, 0.1869, 0.1929 by changing the saturation by 10% instead.


 24.1224, 0.1869,
0.1929


 24.1224, 0.1869,
0.1929


273.4387, 0.2516,
0.2625


 15.4244, 0.1711,
0.1761


 50.2299, 0.2104,
0.2180


 9.1178, 0.1514,
0.1551


 68.4082, 0.2192,
0.2275

 4.8181, 0.1267,
0.1290

 90.5154, 0.2267,
0.2356

 2.1409, 0.0956,
0.0964

 116.9359, 0.2332,
0.2425

 0.6875, 0.0579,
0.0567

 148.0540, 0.2387,
0.2485

 0.0000, 0.0000,
0.0000

184.2543, 0.2436,

0.2538

225.9211, 0.2478,
0.2584

■ 24.1224, 0.1869,
0.1929

■ 24.1224, 0.1869,
0.1929

■ 24.1255, 0.1869,
0.1929

■ 27.0212, 0.1928,
0.2076

■ 30.3507, 0.2006,
0.2228

■ 34.1874, 0.2105,
0.2382

■ 38.5755, 0.2224,
0.2534

■ 43.5529, 0.2358,
0.2682

■ 49.1532, 0.2505,
0.2824

■ 55.4068, 0.2658,
0.2956

■ 62.3418, 0.2815,
0.3078

■ 69.9841, 0.2973,
0.3190

Harmonies

Analogous

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



24.1224, 0.1593, 0.2162



24.1224, 0.1869, 0.1929



24.1224, 0.2464, 0.1988

Triad

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



24.1224, 0.1869, 0.1929



24.1224, 0.4899, 0.3413



24.1224, 0.2709, 0.4703

Complementary

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



24.1224, 0.1869, 0.1929



23.9707, 0.5739, 0.3825

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.



24.1224, 0.3579, 0.5038



24.1224, 0.1869, 0.1929



24.1224, 0.4894, 0.4072

Square

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



24.1224, 0.1869, 0.1929



24.1224, 0.4301, 0.2797



24.1224, 0.4379, 0.4697



24.1224, 0.2001, 0.3734

Rectangle

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



24.1224, 0.1869, 0.1929



24.1224, 0.3031, 0.2168



24.1224, 0.4379, 0.4697



24.1224, 0.2993, 0.4905

Sweetspot

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



24.1255, 0.1869, 0.1929



70.5603, 0.2655, 0.2954



56.7430, 0.2833, 0.5400



14.3574, 0.2590, 0.2899



0.0000, 0.0000, 0.0000



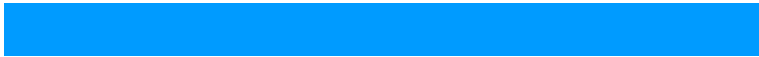
21.4041, 0.3127, 0.3290

Same Dimension

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



24.1255, 0.1869, 0.1929



30.5923, 0.1867, 0.1921



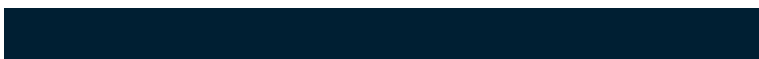
6.4284, 0.1520, 0.0673



15.3357, 0.2981, 0.3195



14.0340, 0.1876, 0.1952



1.2168, 0.1936, 0.2168

Inverse Universe

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



18.5234, 0.4534, 0.2271



23.6195, 0.4543, 0.2277



59.0356, 0.4418, 0.4874



14.5142, 0.3198, 0.3148



10.6145, 0.4508, 0.2257



0.8025, 0.4267, 0.2124

Previews

White Background



This preview shows how the Yxy color 24.1224, 0.1869, 0.1929 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 24.1224, 0.1869, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

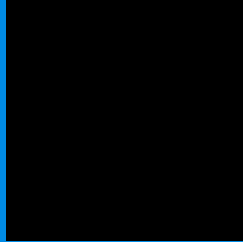
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1224, 0.1869, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 24.1224, 0.1869, 0.1929.



This preview shows how white text looks on a background with the Yxy color 24.1224, 0.1869, 0.1929.

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

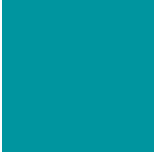
24.1224, 0.1869, 0.1929

Protanopia

24.0479, 0.2139, 0.1961

Deuteranopia

24.0652, 0.1960, 0.1892



Tritanopia

23.9981, 0.2193, 0.3095

Trichromacy



Original Color

24.1224, 0.1869, 0.1929

Protanomaly

23.5106, 0.1974, 0.1925

Deuteranomaly

23.7528, 0.1901, 0.1887

Tritanomaly

23.7115, 0.2054, 0.2594

Monochromacy



Original Color

24.1224, 0.1869, 0.1929

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

16.7259, 0.2314, 0.2630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1224, 0.1869, 0.1929 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, 139, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 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, 139, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 229) }
```

Border

The CSS property to change the border of an element to Yxy 24.1224, 0.1869, 0.1929 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, 139, 229) }
```

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

```
.border{ border-color:rgb(0, 139, 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, 139, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1224, 0.1869, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 229) }
```

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

```
.background{ background-color: rgb(0, 139,  
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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