

Converting Colors

$Yxy(24.8401, 0.1920, 0.1834)$

Have a look what the booklet for
Yxy(24.8401, 0.1920, 0.1834)
contains.

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Color

Yxy(24.9051, 0.1923, 0.1842)

Conversions

Conversions Part 1

Format	Color
Hex	3889EE
RGB	56, 137, 238
RGB Percent	22%, 54%, 93%
CMY	0.7808, 0.4627, 0.0668
CMYK	0.77, 0.42, 0.00, 0.07
HSL	213°, 84%, 58%
HSV	213°, 77%, 93%
XYZ	26.0003, 24.9051, 84.3015
YIQ	124.2950, -80.6970, 14.2390

Conversions

Conversions Part 2

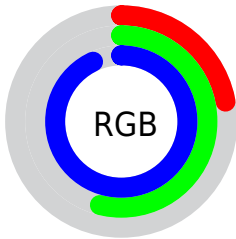
Format	Color
R _{YB}	56, 112, 238
Decimal	3705326
CIE Lab	56.98, 9.99, -57.82
CIE LCh	57, 58.674, 279.808
Yxy	24.9051, 0.1923, 0.1842
Android (android.graphics.Color)	4281895406 (0xFF3889EE)
YUV	124.2950, 56.0566, -59.8947
Hunter-Lab	49.9050, 5.6639, -65.2214

Details

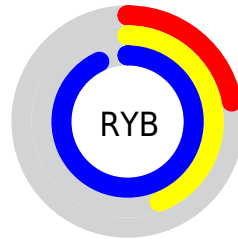
The Yxy color **24.9051, 0.1923, 0.1842** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **42.5156, 0.4803, 0.4255**, and the grayscale version is **20.0805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5589, 0.2314, 0.2485**, and **10.3156, 0.1760, 0.1534** is the 20% darker color. If you saturate the color by 10%, you get **20.8517, 0.1817, 0.1632**, and if you desaturate by 10%, it is **29.7440, 0.2053, 0.2059**.

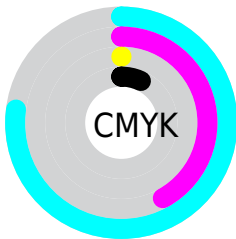
Distribution



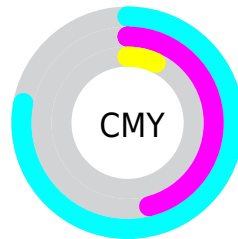
- Red (22%)
- Green (54%)
- Blue (93%)



- Red (22%)
- Yellow (44%)
- Blue (93%)



- Cyan (77%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)





- Cyan (78%)
- Magenta (46%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9051, 0.1923, 0.1842 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 24.9051, 0.1923, 0.1842 by changing the saturation by 10% instead.


 24.9051, 0.1923,
0.1842


 24.9051, 0.1923,
0.1842


277.3650, 0.2542,
0.2564


 16.0064, 0.1772,
0.1673


 51.5032, 0.2147,
0.2098


 9.5287, 0.1584,
0.1466


 69.9714, 0.2232,
0.2197


 5.0876, 0.1348,
0.1211

 92.3982, 0.2304,
0.2281

 2.2987, 0.1050,
0.0901

 119.1680, 0.2365,
0.2353

 0.7730, 0.0687,
0.0539

 150.6652, 0.2419,
0.2416

 0.0000, 0.0000,
0.0000

187.2741, 0.2465,

0.2472

229.3793, 0.2506,
0.2520

■ 24.9051, 0.1923,
0.1842

■ 24.9051, 0.1923,
0.1842

■ 20.8517, 0.1817,
0.1632

■ 29.7440, 0.2053,
0.2059

■ 17.5137, 0.1738,
0.1438

■ 35.4227, 0.2201,
0.2277

■ 16.4863, 0.1715,
0.1373

■ 41.9916, 0.2363,
0.2489

■ 49.4958, 0.2531,
0.2689

■ 57.9768, 0.2700,
0.2876

■ 67.4732, 0.2867,
0.3046

■ 78.0212, 0.3027,
0.3199

■ 89.6552, 0.3179,
0.3336

■ 98.9512, 0.3226,
0.3454

Harmonies

Analogous

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



24.9051, 0.1553, 0.1995



24.9051, 0.1923, 0.1842



24.9051, 0.2634, 0.1976

Triad

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



24.9051, 0.1923, 0.1842



24.9051, 0.5080, 0.3576



24.9051, 0.2451, 0.4594

Complementary

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



24.9051, 0.1923, 0.1842



42.5156, 0.4803, 0.4255

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.



24.9051, 0.3351, 0.5163



24.9051, 0.1923, 0.1842



24.9051, 0.4898, 0.4274

Square

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



24.9051, 0.1923, 0.1842



24.9051, 0.4602, 0.2919



24.9051, 0.4240, 0.4915



24.9051, 0.1791, 0.3465

Rectangle

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



24.9051, 0.1923, 0.1842



24.9051, 0.3280, 0.2204



24.9051, 0.4240, 0.4915



24.9051, 0.2737, 0.4880

Sweetspot

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



24.9059, 0.1923, 0.1842



71.5023, 0.2758, 0.2936



64.3702, 0.2644, 0.4456



14.4738, 0.2697, 0.2872



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.



24.9059, 0.1923, 0.1842



22.0231, 0.1768, 0.1517



10.1125, 0.1714, 0.0911



16.3882, 0.2980, 0.3156



9.4496, 0.1723, 0.1402



0.9816, 0.1793, 0.1655

Inverse Universe

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



22.7962, 0.4581, 0.2536



23.2535, 0.5025, 0.2586



78.0515, 0.4046, 0.4970



15.8759, 0.3223, 0.3185



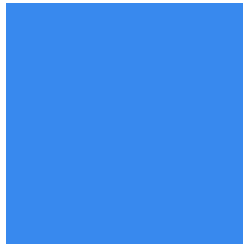
10.7473, 0.5188, 0.2632



0.9138, 0.4863, 0.2452

Previews

White Background



This preview shows how the Yxy color 24.9051, 0.1923, 0.1842 looks on a white background.

Color Contrast Check

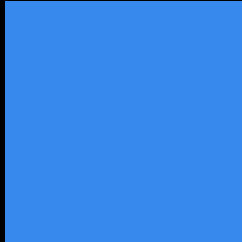
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9051, 0.1923, 0.1842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

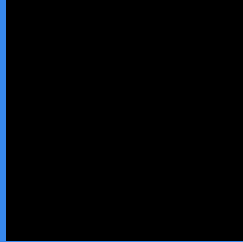
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

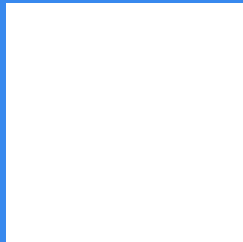
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9051, 0.1923, 0.1842

Background



This preview shows how black text looks on a background with the Yxy color 24.9051, 0.1923, 0.1842.



This preview shows how white text looks on a background with the Yxy color 24.9051, 0.1923, 0.1842.

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

24.9051, 0.1923, 0.1842

Protanopia

24.6672, 0.2058, 0.1851

Deuteranopia

25.0281, 0.1911, 0.1851



Tritanopia

24.7419, 0.2189, 0.3079

Trichromacy



Original Color

24.9051, 0.1923, 0.1842

Protanomaly

24.6681, 0.2000, 0.1851

Deuteranomaly

25.0801, 0.1916, 0.1853

Tritanomaly

24.4242, 0.2055, 0.2527

Monochromacy



Original Color

24.9051, 0.1923, 0.1842

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.0698, 0.2490, 0.2651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9051, 0.1923, 0.1842 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(56, 137, 238)` looks like.

```
.text, #text, p{  
    color:rgb(56, 137, 238)  
}
```

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(56, 137, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 137, 238) }
```

Border

The CSS property to change the border of an element to Yxy 24.9051, 0.1923, 0.1842 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(56, 137, 238) }
```

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

```
.border{ border-color:rgb(56, 137, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 137, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 137, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 137, 238);  
box-shadow:4px 4px 4px 4px rgb(56, 137,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9051, 0.1923, 0.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 137, 238) }
```

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

```
.background{ background-color: rgb(56, 137,  
238) }
```

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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