

Converting Colors

$Yxy(26.1137, 0.1973, 0.2010)$

Have a look what the booklet for
Yxy(26.1137, 0.1973, 0.2010)
contains.

Yxy(26.1428, 0.1976, 0.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.1428, 0.1976, 0.2018)

Conversions

Conversions Part 1

Format	Color
Hex	388FE5
RGB	56, 143, 229
RGB Percent	22%, 56%, 90%
CMY	0.7798, 0.4392, 0.1021
CMYK	0.75, 0.38, 0.00, 0.10
HSL	210°, 77%, 56%
HSV	210°, 75%, 90%
XYZ	25.5987, 26.1428, 77.8066
YIQ	126.7910, -79.4580, 8.3020

Conversions

Conversions Part 2

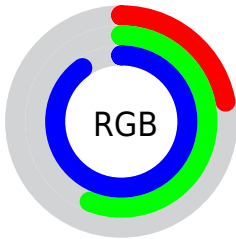
Format	Color
R _Y B	56, 114, 229
Decimal	3706853
CIE Lab	58.17, 3.19, -50.92
CIE LCh	58, 51.022, 273.582
Yxy	26.1428, 0.1976, 0.2018
Android (android.graphics.Color)	4281896933 (0xFF388FE5)
YUV	126.7910, 50.3890, -62.0837
Hunter-Lab	51.1300, -0.1100, -54.4329

Details

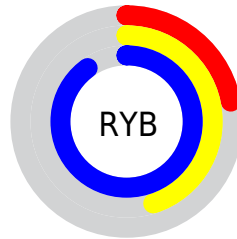
The Yxy color **26.1428, 0.1976, 0.2018** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **36.3238, 0.4878, 0.4149**, and the grayscale version is **21.0057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0598, 0.2320, 0.2562**, and **10.8458, 0.1809, 0.1713** is the 20% darker color. If you saturate the color by 10%, you get **22.3781, 0.1874, 0.1826**, and if you desaturate by 10%, it is **30.5582, 0.2100, 0.2214**.

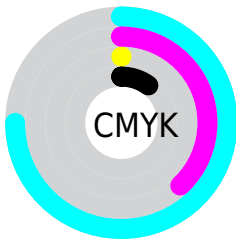
Distribution



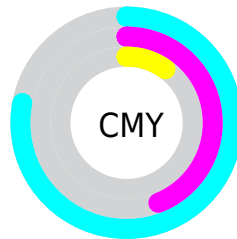
- Red (22%)
- Green (56%)
- Blue (90%)



- Red (22%)
- Yellow (45%)
- Blue (90%)



- Cyan (75%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)




- Cyan (78%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1428, 0.1976, 0.2018 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 26.1428, 0.1976, 0.2018 by changing the saturation by 10% instead.


 26.1428, 0.1976,
0.2018


 26.1428, 0.1976,
0.2018


283.4824, 0.2568,
0.2665


 16.9305, 0.1830,
0.1861


 53.5052, 0.2191,
0.2252

 10.1850, 0.1648,
0.1665


 72.4241, 0.2272,
0.2340

 5.5218, 0.1415,
0.1417

 95.3474, 0.2341,
0.2415

 2.5565, 0.1118,
0.1103

 122.6594, 0.2399,
0.2480

 0.9049, 0.0744,
0.0715

 154.7445, 0.2450,
0.2535

 0.0000, 0.0000,
0.0000

191.9871, 0.2494,

0.2584

234.7716, 0.2533,
0.2627

■ 26.1428, 0.1976,
0.2018

■ 26.1428, 0.1976,
0.2018

■ 22.3781, 0.1874,
0.1826

■ 30.5582, 0.2100,
0.2214

■ 19.2063, 0.1797,
0.1643

■ 35.6680, 0.2242,
0.2408

■ 17.9316, 0.1768,
0.1563

■ 41.5137, 0.2396,
0.2596

■ 48.1322, 0.2558,
0.2773

■ 55.5574, 0.2722,
0.2937

■ 63.8207, 0.2885,
0.3087

■ 72.9517, 0.3043,
0.3222

■ 82.9784, 0.3195,
0.3343

■ 92.5320, 0.3290,
0.3452

Harmonies

Analogous

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



26.1428, 0.1699, 0.2230



26.1428, 0.1976, 0.2018



26.1428, 0.2552, 0.2083

Triad

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



26.1428, 0.1976, 0.2018



26.1428, 0.4770, 0.3451



26.1428, 0.2715, 0.4537

Complementary

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



26.1428, 0.1976, 0.2018



36.3238, 0.4878, 0.4149

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.



26.1428, 0.3524, 0.4892



26.1428, 0.1976, 0.2018



26.1428, 0.4753, 0.4071

Square

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



26.1428, 0.1976, 0.2018



26.1428, 0.4243, 0.2865



26.1428, 0.4271, 0.4630



26.1428, 0.2063, 0.3653

Rectangle

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



26.1428, 0.1976, 0.2018



26.1428, 0.3086, 0.2259



26.1428, 0.4271, 0.4630



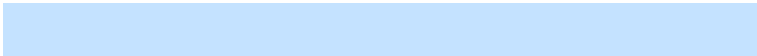
26.1428, 0.2978, 0.4732

Sweetspot

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



26.1436, 0.1976, 0.2018



73.2990, 0.2761, 0.2973



58.7535, 0.2699, 0.4614



14.9062, 0.2701, 0.2916



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.



26.1436, 0.1976, 0.2018



26.0290, 0.1824, 0.1713



9.6310, 0.1700, 0.0944



15.0780, 0.2981, 0.3170



10.4961, 0.1775, 0.1590



0.9614, 0.1848, 0.1853

Inverse Universe

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



21.4791, 0.4383, 0.2434



23.7513, 0.4778, 0.2454



71.3848, 0.4127, 0.4890



14.4882, 0.3214, 0.3172



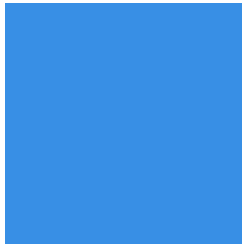
10.2573, 0.4943, 0.2497



0.7767, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 26.1428, 0.1976, 0.2018 looks on a white background.

Color Contrast Check

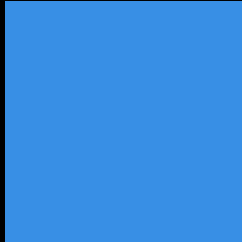
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1428, 0.1976, 0.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

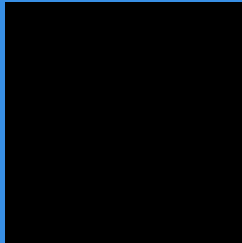
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

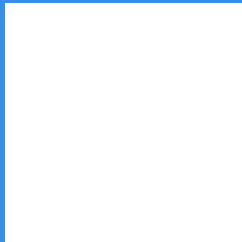
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1428, 0.1976, 0.2018

Background



This preview shows how black text looks on a background with the Yxy color 26.1428, 0.1976, 0.2018.



This preview shows how white text looks on a background with the Yxy color 26.1428, 0.1976, 0.2018.

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

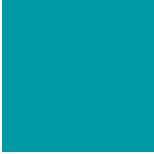
26.1428, 0.1976, 0.2018

Protanopia

25.9393, 0.2197, 0.2039

Deuteranopia

26.1748, 0.2049, 0.1988



Tritanopia

25.8644, 0.2185, 0.3065

Trichromacy



Original Color

26.1428, 0.1976, 0.2018

Protanomaly

25.9277, 0.2098, 0.2033

Deuteranomaly

26.1025, 0.2015, 0.1992

Tritanomaly

25.6355, 0.2079, 0.2615

Monochromacy



Original Color

26.1428, 0.1976, 0.2018

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2221, 0.2525, 0.2743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1428, 0.1976, 0.2018 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, 143, 229)` looks like.

```
.text, #text, p{  
    color:rgb(56, 143, 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(56, 143, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 143, 229) }
```

Border

The CSS property to change the border of an element to Yxy 26.1428, 0.1976, 0.2018 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, 143, 229) }
```

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

```
.border{ border-color:rgb(56, 143, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 143, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 143, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 143, 229);  
box-shadow:4px 4px 4px 4px rgb(56, 143,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1428, 0.1976, 0.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 143, 229) }
```

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

```
.background{ background-color: rgb(56, 143,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor