

Converting Colors

$Y_{xy}(26.0288, 0.1969, 0.1905)$

Have a look what the booklet for
Yxy(26.0288, 0.1969, 0.1905)
contains.

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Color

Yxy(26.0288, 0.1969, 0.1905)

Conversions

Conversions Part 1

Format	Color
Hex	428CED
RGB	66, 140, 237
RGB Percent	26%, 55%, 93%
CMY	0.7414, 0.4509, 0.0707
CMYK	0.72, 0.41, 0.00, 0.07
HSL	214°, 83%, 59%
HSV	214°, 72%, 93%
XYZ	26.9033, 26.0288, 83.7021
YIQ	128.9320, -75.2410, 14.4790

Conversions

Conversions Part 2

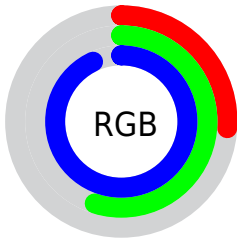
Format	Color
R _Y B	66, 118, 237
Decimal	4361453
CIE Lab	58.06, 9.05, -55.52
CIE LCh	58, 56.248, 279.257
Yxy	26.0288, 0.1969, 0.1905
Android (android.graphics.Color)	4282551533 (0xFF428CED)
YUV	128.9320, 53.2775, -55.1914
Hunter-Lab	51.0184, 4.8451, -61.5597

Details

The Yxy color **26.0288, 0.1969, 0.1905** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **44.5457, 0.4678, 0.4255**, and the grayscale version is **21.7531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3465, 0.2351, 0.2530**, and **10.7775, 0.1778, 0.1599** is the 20% darker color. If you saturate the color by 10%, you get **21.6813, 0.1851, 0.1687**, and if you desaturate by 10%, it is **31.1977, 0.2109, 0.2128**.

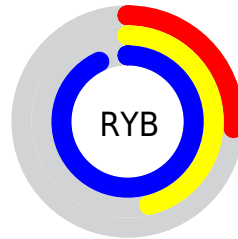
Distribution



Red (26%)

Green (55%)

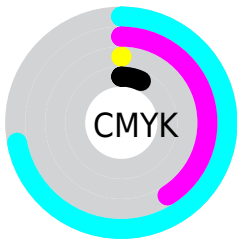
Blue (93%)



Red (26%)

Yellow (46%)

Blue (93%)

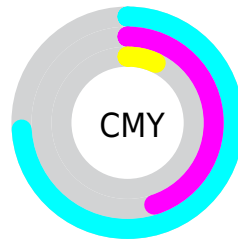


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0288, 0.1969, 0.1905 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 26.0288, 0.1969, 0.1905 by changing the saturation by 10% instead.

■ 26.0288, 0.1969,
0.1905

■ 26.0288, 0.1969,
0.1905

■ 282.9234, 0.2564,
0.2596

■ 16.8452, 0.1824,
0.1742

■ 53.3214, 0.2184,
0.2151

■ 10.1242, 0.1642,
0.1541

■ 72.1992, 0.2266,
0.2245

■ 5.4814, 0.1412,
0.1292

■ 95.0771, 0.2335,
0.2326

■ 2.5324, 0.1120,
0.0985

■ 122.3397, 0.2394,
0.2395

■ 0.8928, 0.0757,
0.0620

■ 154.3712, 0.2445,
0.2455

■ 0.0000, 0.0025,
0.0000

■ 191.5560, 0.2490,

■ 0.0000, 0.0000,

0.2508

0.0000

234.2787, 0.2529,
0.2555

■ 26.0288, 0.1969,
0.1905

■ 26.0288, 0.1969,
0.1905

■ 21.6813, 0.1851,
0.1687

■ 31.1977, 0.2109,
0.2128

■ 18.0905, 0.1759,
0.1483

■ 37.2394, 0.2266,
0.2349

■ 15.7418, 0.1704,
0.1335

■ 44.2029, 0.2433,
0.2561

■ 52.1321, 0.2603,
0.2760

■ 61.0678, 0.2772,
0.2944

■ 71.0481, 0.2937,
0.3111

■ 82.1088, 0.3094,
0.3260

■ 94.1872, 0.3239,
0.3392

■ 98.8926, 0.3232,
0.3464

Harmonies

Analogous

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



26.0288, 0.1616, 0.2063



26.0288, 0.1969, 0.1905



26.0288, 0.2647, 0.2028

Triad

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



26.0288, 0.1969, 0.1905



26.0288, 0.4976, 0.3567



26.0288, 0.2508, 0.4528

Complementary

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



26.0288, 0.1969, 0.1905



44.5457, 0.4678, 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.



26.0288, 0.3370, 0.5055



26.0288, 0.1969, 0.1905



26.0288, 0.4827, 0.4235

Square

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



26.0288, 0.1969, 0.1905



26.0288, 0.4508, 0.2932



26.0288, 0.4215, 0.4834



26.0288, 0.1865, 0.3481

Rectangle

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



26.0288, 0.1969, 0.1905



26.0288, 0.3258, 0.2246



26.0288, 0.4215, 0.4834



26.0288, 0.2782, 0.4791

Sweetspot

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



26.0296, 0.1969, 0.1905



72.2304, 0.2774, 0.2946



64.3452, 0.2636, 0.4336



14.8188, 0.2728, 0.2897



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.



26.0296, 0.1969, 0.1905



23.3103, 0.1800, 0.1579



11.5932, 0.1795, 0.1024



15.6221, 0.2980, 0.3153



8.8470, 0.1713, 0.1365



0.8827, 0.1787, 0.1634

Inverse Universe

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



23.7818, 0.4492, 0.2568



23.9475, 0.4933, 0.2581



77.0413, 0.3999, 0.4931



15.1624, 0.3225, 0.3188



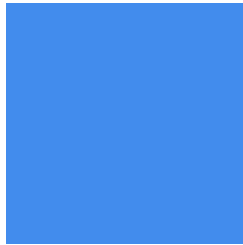
10.3859, 0.5238, 0.2659



0.8345, 0.4889, 0.2467

Previews

White Background



This preview shows how the Yxy color 26.0288, 0.1969, 0.1905 looks on a white background.

Color Contrast Check

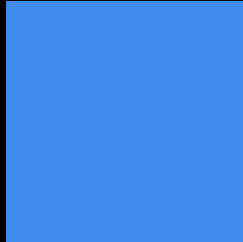
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0288, 0.1969, 0.1905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

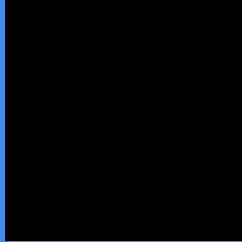
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

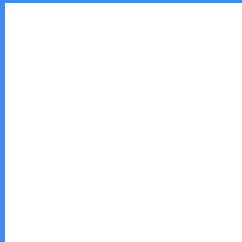
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0288, 0.1969, 0.1905

Background



This preview shows how black text looks on a background with the Yxy color 26.0288, 0.1969, 0.1905.



This preview shows how white text looks on a background with the Yxy color 26.0288, 0.1969, 0.1905.

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

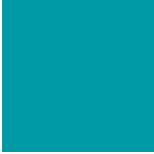
26.0288, 0.1969, 0.1905

Protanopia

25.8078, 0.2108, 0.1915

Deuteranopia

26.0288, 0.1969, 0.1905



Tritanopia

25.8644, 0.2185, 0.3065

Trichromacy



Original Color

26.0288, 0.1969, 0.1905

Protanomaly

25.8103, 0.2050, 0.1915

Deuteranomaly

26.0288, 0.1969, 0.1905

Tritanomaly

25.4949, 0.2067, 0.2554

Monochromacy



Original Color

26.0288, 0.1969, 0.1905

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6664, 0.2537, 0.2687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0288, 0.1969, 0.1905 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(66, 140, 237)` looks like.

```
.text, #text, p{  
    color:rgb(66, 140, 237)  
}
```

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(66, 140, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 140, 237) }
```

Border

The CSS property to change the border of an element to Yxy 26.0288, 0.1969, 0.1905 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(66, 140, 237) }
```

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

```
.border{ border-color:rgb(66, 140, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 140, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 140, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 140, 237);  
box-shadow:4px 4px 4px 4px rgb(66, 140,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0288, 0.1969, 0.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 140, 237) }
```

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

```
.background{ background-color: rgb(66, 140,  
237) }
```

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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