

Converting Colors

$Yxy(26.1716, 0.2072, 0.2281)$

Have a look what the booklet for
Yxy(26.1716, 0.2072, 0.2281)
contains.

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Color

Yxy(26.1716, 0.2072, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	3C92D2
RGB	60, 146, 210
RGB Percent	24%, 57%, 82%
CMY	0.7651, 0.4274, 0.1763
CMYK	0.71, 0.30, 0.00, 0.18
HSL	206°, 63%, 53%
HSV	206°, 71%, 82%
XYZ	23.7736, 26.1716, 64.7922
YIQ	127.5820, -71.8000, 1.6720

Conversions

Conversions Part 2

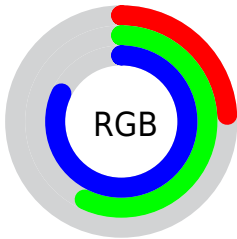
Format	Color
R _Y B	60, 115, 210
Decimal	3969746
CIE Lab	58.20, -4.79, -40.29
CIE LCh	58, 40.576, 263.216
Yxy	26.1716, 0.2072, 0.2281
Android (android.graphics.Color)	4282159826 (0xFF3C92D2)
YUV	127.5820, 40.6321, -59.2694
Hunter-Lab	51.1582, -6.5766, -39.2805

Details

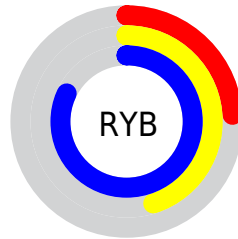
The Yxy color **26.1716, 0.2072, 0.2281** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **28.4288, 0.4876, 0.4007**, and the grayscale version is **21.3022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8885, 0.2330, 0.2613**, and **10.7323, 0.1892, 0.2011** is the 20% darker color. If you saturate the color by 10%, you get **22.9898, 0.1971, 0.2115**, and if you desaturate by 10%, it is **29.8309, 0.2193, 0.2447**.

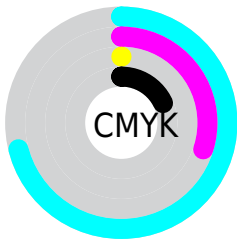
Distribution



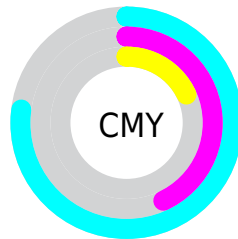
- Red (24%)
- Green (57%)
- Blue (82%)



- Red (24%)
- Yellow (45%)
- Blue (82%)



- Cyan (71%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (77%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1716, 0.2072, 0.2281 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 26.1716, 0.2072, 0.2281 by changing the saturation by 10% instead.

■ 26.1716, 0.2072,
0.2281

■ 26.1716, 0.2072,
0.2281

■ 283.6234, 0.2620,
0.2813

■ 16.9521, 0.1933,
0.2144

■ 53.5516, 0.2274,
0.2479

■ 10.2003, 0.1756,
0.1967

■ 72.4809, 0.2349,
0.2552

■ 5.5320, 0.1526,
0.1733

■ 95.4156, 0.2412,
0.2613

■ 2.5626, 0.1220,
0.1418

■ 122.7401, 0.2466,
0.2666

■ 0.9079, 0.0814,
0.0991

■ 154.8387, 0.2513,
0.2710

■ 0.0000, 0.0000,
0.0000

192.0958, 0.2553,

0.2749

234.8960, 0.2589,
0.2783

■ 26.1716, 0.2072,
0.2281

■ 26.1716, 0.2072,
0.2281

■ 22.9898, 0.1971,
0.2115

■ 29.8309, 0.2193,
0.2447

■ 20.2451, 0.1891,
0.1952

■ 33.9972, 0.2330,
0.2609

■ 18.1990, 0.1838,
0.1817

■ 38.7000, 0.2479,
0.2763

■ 43.9652, 0.2634,
0.2908

■ 49.8168, 0.2792,
0.3042

■ 56.2771, 0.2950,
0.3165

■ 63.3669, 0.3105,
0.3275

■ 71.1060, 0.3254,
0.3373

■ 79.5134, 0.3396,
0.3460

Harmonies

Analogous

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



26.1716, 0.1924, 0.2566



26.1716, 0.2072, 0.2281



26.1716, 0.2475, 0.2249

Triad

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



26.1716, 0.2072, 0.2281



26.1716, 0.4335, 0.3276



26.1716, 0.3039, 0.4409

Complementary

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



26.1716, 0.2072, 0.2281



28.4288, 0.4876, 0.4007

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.



26.1716, 0.3700, 0.4541



26.1716, 0.2072, 0.2281



26.1716, 0.4492, 0.3794

Square

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



26.1716, 0.2072, 0.2281



26.1716, 0.3798, 0.2799



26.1716, 0.4240, 0.4266



26.1716, 0.2436, 0.3838

Rectangle

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



26.1716, 0.2072, 0.2281



26.1716, 0.2870, 0.2352



26.1716, 0.4240, 0.4266



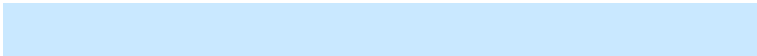
26.1716, 0.3262, 0.4508

Sweetspot

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



26.1725, 0.2072, 0.2281



77.5049, 0.2796, 0.3046



48.4834, 0.2753, 0.4691



16.0254, 0.2752, 0.3009



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.



26.1725, 0.2072, 0.2281



33.2463, 0.1924, 0.2025



10.3007, 0.1794, 0.1167



12.5273, 0.2983, 0.3188



11.3004, 0.1845, 0.1840



0.7875, 0.1926, 0.2133

Inverse Universe

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



19.0035, 0.4097, 0.2332



25.0937, 0.4408, 0.2288



54.2016, 0.4169, 0.4758



11.9203, 0.3202, 0.3157



9.2121, 0.4637, 0.2328



0.5308, 0.4305, 0.2145

Previews

White Background



This preview shows how the Yxy color 26.1716, 0.2072, 0.2281 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 26.1716, 0.2072, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

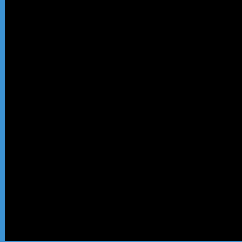
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

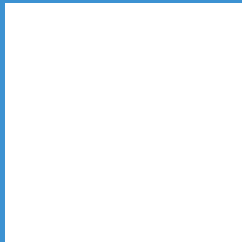
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1716, 0.2072, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 26.1716, 0.2072, 0.2281.

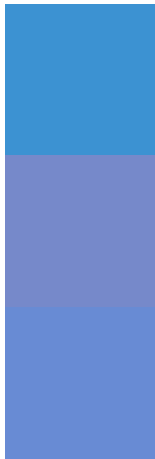


This preview shows how white text looks on a background with the Yxy color 26.1716, 0.2072, 0.2281.

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

26.1716, 0.2072, 0.2281

Protanopia

26.0071, 0.2406, 0.2311

Deuteranopia

26.1618, 0.2256, 0.2200



Tritanopia

26.0499, 0.2202, 0.3048

Trichromacy



Original Color

26.1716, 0.2072, 0.2281

Protanomaly

25.7053, 0.2253, 0.2287

Deuteranomaly

26.1239, 0.2177, 0.2235

Tritanomaly

25.9094, 0.2139, 0.2729

Monochromacy



Original Color

26.1716, 0.2072, 0.2281

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.6801, 0.2594, 0.2880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1716, 0.2072, 0.2281 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(60, 146, 210)` looks like.

```
.text, #text, p{  
  color:rgb(60, 146, 210)  
}
```

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(60, 146, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 146, 210) }
```

Border

The CSS property to change the border of an element to Yxy 26.1716, 0.2072, 0.2281 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(60, 146, 210) }
```

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

```
.border{ border-color:rgb(60, 146, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 146, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 146, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 146, 210);  
box-shadow:4px 4px 4px 4px rgb(60, 146,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1716, 0.2072, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 146, 210) }
```

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

```
.background{ background-color: rgb(60, 146,  
210) }
```

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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