

Converting Colors

$Y_{xy}(27.0125, 0.2047, 0.2213)$

Have a look what the booklet for
Yxy(27.0125, 0.2047, 0.2213)
contains.

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Color

Yxy(26.8901, 0.2044, 0.2203)

Conversions

Conversions Part 1

Format	Color
Hex	3C93DA
RGB	60, 147, 218
RGB Percent	24%, 58%, 85%
CMY	0.7651, 0.4235, 0.1450
CMYK	0.73, 0.33, 0.00, 0.14
HSL	207°, 68%, 54%
HSV	207°, 73%, 86%
XYZ	24.9493, 26.8901, 70.2219
YIQ	129.0810, -74.6430, 3.6370

Conversions

Conversions Part 2

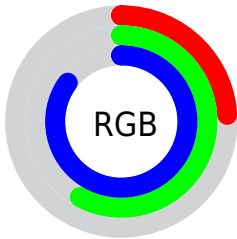
Format	Color
R_{YB}	60, 116, 218
Decimal	3970010
CIE _{Lab}	58.87, -2.58, -43.71
CIE _{LCh}	59, 43.782, 266.617
Yxy	26.8901, 0.2044, 0.2203
Android (android.graphics.Color)	4282160090 (0xFF3C93DA)
YUV	129.0810, 43.8371, -60.5840
Hunter-Lab	51.8557, -4.8657, -43.9903

Details

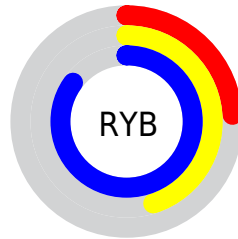
The Yxy color **26.8901, 0.2044, 0.2203** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **31.4421, 0.4875, 0.4051**, and the grayscale version is **21.8371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4289, 0.2337, 0.2627**, and **11.1937, 0.1867, 0.1919** is the 20% darker color. If you saturate the color by 10%, you get **23.4305, 0.1942, 0.2028**, and if you desaturate by 10%, it is **30.8900, 0.2167, 0.2379**.

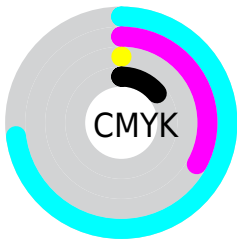
Distribution



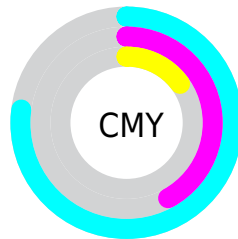
- Red (24%)
- Green (58%)
- Blue (85%)



- Red (24%)
- Yellow (45%)
- Blue (85%)



- Cyan (73%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)



- Cyan (77%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8901, 0.2044, 0.2203 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 26.8901, 0.2044, 0.2203 by changing the saturation by 10% instead.

■ 26.8901, 0.2044,
0.2203

■ 26.8901, 0.2044,
0.2203

■ 287.1246, 0.2603,
0.2768

■ 17.4907, 0.1905,
0.2060

■ 54.7075, 0.2248,
0.2411

■ 10.5850, 0.1728,
0.1879

■ 73.8942, 0.2325,
0.2488

■ 5.7885, 0.1500,
0.1643

■ 97.1122, 0.2389,
0.2554

■ 2.7169, 0.1201,
0.1332

■ 124.7458, 0.2444,
0.2609

■ 0.9858, 0.0814,
0.0922

■ 157.1795, 0.2492,
0.2657

■ 0.0000, 0.0000,
0.0000

194.7976, 0.2534,

0.2699

237.9845, 0.2570,
0.2736

■ 26.8901, 0.2044,
0.2203

■ 26.8901, 0.2044,
0.2203

■ 23.4305, 0.1942,
0.2028

■ 30.8900, 0.2167,
0.2379

■ 20.4653, 0.1862,
0.1857

■ 35.4645, 0.2306,
0.2551

■ 18.5235, 0.1815,
0.1734

■ 40.6470, 0.2456,
0.2716

■ 46.4671, 0.2614,
0.2871

■ 52.9520, 0.2774,
0.3014

■ 60.1273, 0.2933,
0.3145

■ 68.0166, 0.3089,
0.3262

■ 76.6425, 0.3238,
0.3367

■ 85.8147, 0.3373,
0.3461

Harmonies

Analogous

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



26.8901, 0.1858, 0.2467



26.8901, 0.2044, 0.2203



26.8901, 0.2496, 0.2200

Triad

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



26.8901, 0.2044, 0.2203



26.8901, 0.4460, 0.3329



26.8901, 0.2947, 0.4447

Complementary

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



26.8901, 0.2044, 0.2203



31.4421, 0.4875, 0.4051

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.



26.8901, 0.3653, 0.4639



26.8901, 0.2044, 0.2203



26.8901, 0.4571, 0.3875

Square

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



26.8901, 0.2044, 0.2203



26.8901, 0.3923, 0.2819



26.8901, 0.4254, 0.4370



26.8901, 0.2328, 0.3789

Rectangle

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



26.8901, 0.2044, 0.2203



26.8901, 0.2930, 0.2325



26.8901, 0.4254, 0.4370



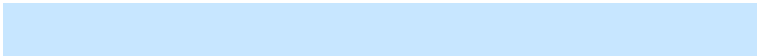
26.8901, 0.3182, 0.4571

Sweetspot

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



26.8910, 0.2044, 0.2203



75.8343, 0.2779, 0.3019



52.6827, 0.2739, 0.4677



15.6676, 0.2735, 0.2981



0.0000, 0.0000, 0.0000



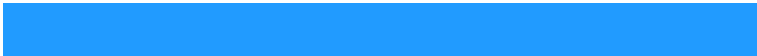
21.4041, 0.3127, 0.3290

Same Dimension

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



26.8910, 0.2044, 0.2203



31.1120, 0.1897, 0.1937



10.4553, 0.1767, 0.1104



13.8005, 0.2982, 0.3182



11.3126, 0.1822, 0.1758



0.9041, 0.1897, 0.2030

Inverse Universe

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



20.2366, 0.4179, 0.2362



24.7351, 0.4507, 0.2336



60.0945, 0.4161, 0.4793



13.1710, 0.3206, 0.3162



9.7658, 0.4735, 0.2382



0.6500, 0.4419, 0.2208

Previews

White Background



This preview shows how the Yxy color 26.8901, 0.2044, 0.2203 looks on a white background.

Color Contrast Check

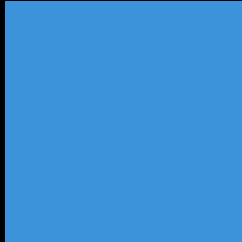
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8901, 0.2044, 0.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

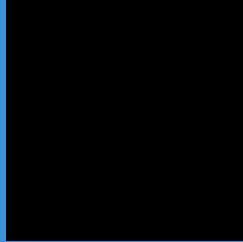
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8901, 0.2044, 0.2203

Background



This preview shows how black text looks on a background with the Yxy color 26.8901, 0.2044, 0.2203.

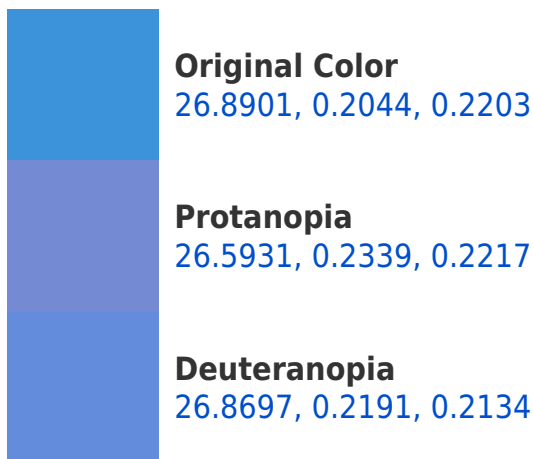


This preview shows how white text looks on a background with the Yxy color 26.8901, 0.2044, 0.2203.

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





Tritanopia

26.6415, 0.2180, 0.3049

Trichromacy



Original Color

26.8901, 0.2044, 0.2203

Protanomaly

26.3916, 0.2204, 0.2196

Deuteranomaly

26.6907, 0.2128, 0.2155

Tritanomaly

26.5409, 0.2105, 0.2701

Monochromacy



Original Color

26.8901, 0.2044, 0.2203

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.1246, 0.2581, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8901, 0.2044, 0.2203 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, 147, 218)` looks like.

```
.text, #text, p{  
    color:rgb(60, 147, 218)  
}
```

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, 147, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 147, 218) }
```

Border

The CSS property to change the border of an element to Yxy 26.8901, 0.2044, 0.2203 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, 147, 218) }
```

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

```
.border{ border-color:rgb(60, 147, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 147, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 147, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 147, 218);  
box-shadow:4px 4px 4px 4px rgb(60, 147,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8901, 0.2044, 0.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 147, 218) }
```

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

```
.background{ background-color: rgb(60, 147,  
218) }
```

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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