

Converting Colors

$Yxy(26.6313, 0.2164, 0.2251)$

Have a look what the booklet for
Yxy(26.6313, 0.2164, 0.2251)
contains.

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Color

Yxy(26.6313, 0.2164, 0.2251)

Conversions

Conversions Part 1

Format	Color
Hex	5590D4
RGB	85, 144, 212
RGB Percent	33%, 56%, 83%
CMY	0.6667, 0.4353, 0.1686
CMYK	0.60, 0.32, 0.00, 0.17
HSL	212°, 60%, 58%
HSV	212°, 60%, 83%
XYZ	25.6020, 26.6313, 66.0754
YIQ	134.1110, -56.9920, 8.6400

Conversions

Conversions Part 2

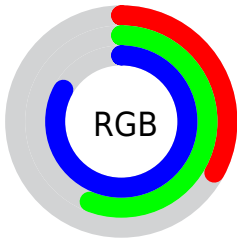
Format	Color
R _Y B	85, 125, 212
Decimal	5607636
CIE Lab	58.63, 1.22, -40.65
CIE LCh	59, 40.669, 271.723
Yxy	26.6313, 0.2164, 0.2251
Android (android.graphics.Color)	4283797716 (0xFF5590D4)
YUV	134.1110, 38.3993, -43.0703
Hunter-Lab	51.6055, -1.7540, -39.7907

Details

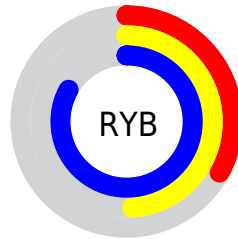
The Yxy color **26.6313, 0.2164, 0.2251** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **37.4305, 0.4400, 0.4099**, and the grayscale version is **23.7551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5375, 0.2420, 0.2604**, and **10.4397, 0.1871, 0.1937** is the 20% darker color. If you saturate the color by 10%, you get **22.5172, 0.2024, 0.2042**, and if you desaturate by 10%, it is **31.3901, 0.2318, 0.2456**.

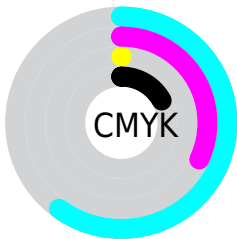
Distribution



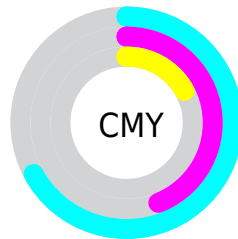
- Red (33%)
- Green (56%)
- Blue (83%)



- Red (33%)
- Yellow (49%)
- Blue (83%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6313, 0.2164, 0.2251 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 26.6313, 0.2164, 0.2251 by changing the saturation by 10% instead.

■ 26.6313, 0.2164,
0.2251

■ 26.6313, 0.2164,
0.2251

285.8675, 0.2667,
0.2792

■ 17.2965, 0.2036,
0.2114

■ 54.2917, 0.2350,
0.2450

■ 10.4461, 0.1871,
0.1938

■ 73.3860, 0.2419,
0.2524

■ 5.6957, 0.1654,
0.1708

■ 96.5023, 0.2477,
0.2587

■ 2.6610, 0.1363,
0.1400

■ 124.0250, 0.2526,
0.2640

■ 0.9574, 0.0969,
0.0986

156.3385, 0.2569,
0.2686

■ 0.0000, 0.0000,
0.0000

193.8272, 0.2606,

0.2726

236.8753, 0.2638,
0.2761

■ 26.6313, 0.2164,
0.2251

■ 26.6313, 0.2164,
0.2251

■ 22.5172, 0.2024,
0.2042

■ 31.3901, 0.2318,
0.2456

■ 19.0073, 0.1904,
0.1834

■ 36.8246, 0.2482,
0.2652

■ 16.0594, 0.1808,
0.1634

■ 42.9666, 0.2648,
0.2835

■ 13.6038, 0.1736,
0.1448

■ 49.8449, 0.2813,
0.3003

■ 13.5828, 0.1735,
0.1446

■ 57.4865, 0.2974,
0.3155

■ 65.9167, 0.3129,
0.3291

■ 75.1597, 0.3274,
0.3412

■ 85.2385, 0.3411,
0.3519

■ 92.0161, 0.3395,
0.3628

Harmonies

Analogous

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



26.6313, 0.1943, 0.2460



26.6313, 0.2164, 0.2251



26.6313, 0.2634, 0.2285

Triad

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



26.6313, 0.2164, 0.2251



26.6313, 0.4418, 0.3422



26.6313, 0.2855, 0.4280

Complementary

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



26.6313, 0.2164, 0.2251



37.4305, 0.4400, 0.4099

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.



26.6313, 0.3517, 0.4548



26.6313, 0.2164, 0.2251



26.6313, 0.4454, 0.3936

Square

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



26.6313, 0.2164, 0.2251



26.6313, 0.3976, 0.2927



26.6313, 0.4107, 0.4370



26.6313, 0.2301, 0.3631

Rectangle

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



26.6313, 0.2164, 0.2251



26.6313, 0.3061, 0.2425



26.6313, 0.4107, 0.4370



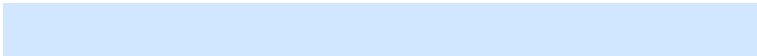
26.6313, 0.3072, 0.4423

Sweetspot

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



26.6322, 0.2164, 0.2251



77.6214, 0.2841, 0.3030



51.3072, 0.2695, 0.4188



15.9187, 0.2793, 0.2983



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.



26.6322, 0.2164, 0.2251



32.5898, 0.1988, 0.1982



13.3846, 0.1997, 0.1387



12.9503, 0.2982, 0.3162



8.5820, 0.1742, 0.1472



0.6823, 0.1833, 0.1799

Inverse Universe

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



22.5065, 0.4082, 0.2593



28.2419, 0.4410, 0.2512



61.1166, 0.3935, 0.4703



12.5159, 0.3219, 0.3182



9.2112, 0.5096, 0.2581



0.5722, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 26.6313, 0.2164, 0.2251 looks on a white background.

Color Contrast Check

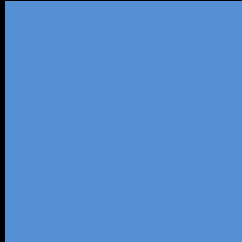
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6313, 0.2164, 0.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

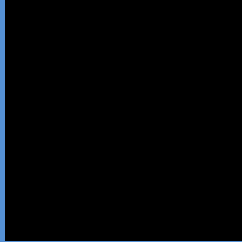
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

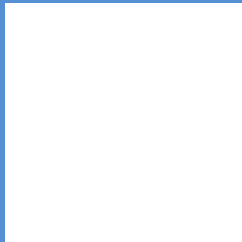
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6313, 0.2164, 0.2251

Background



This preview shows how black text looks on a background with the Yxy color 26.6313, 0.2164, 0.2251.

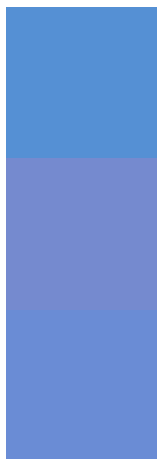


This preview shows how white text looks on a background with the Yxy color 26.6313, 0.2164, 0.2251.

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

26.6313, 0.2164, 0.2251

Protanopia

26.4639, 0.2370, 0.2265

Deuteranopia

26.6244, 0.2266, 0.2208



Tritanopia

26.6256, 0.2339, 0.3055

Trichromacy



Original Color

26.6313, 0.2164, 0.2251

Protanomaly

26.3629, 0.2282, 0.2252

Deuteranomaly

26.4505, 0.2220, 0.2210

Tritanomaly

26.6093, 0.2269, 0.2729

Monochromacy



Original Color

26.6313, 0.2164, 0.2251

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4986, 0.2683, 0.2882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6313, 0.2164, 0.2251 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(85, 144, 212)` looks like.

```
.text, #text, p{  
    color:rgb(85, 144, 212)  
}
```

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(85, 144, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 144, 212) }
```

Border

The CSS property to change the border of an element to Yxy 26.6313, 0.2164, 0.2251 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(85, 144, 212) }
```

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

```
.border{ border-color:rgb(85, 144, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 144, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 144, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 144, 212);  
box-shadow:4px 4px 4px 4px rgb(85, 144,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6313, 0.2164, 0.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 144, 212) }
```

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

```
.background{ background-color: rgb(85, 144,  
212) }
```

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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