

Converting Colors

$Y_{xy}(28.6640, 0.2191, 0.2243)$

Have a look what the booklet for
Yxy(28.6640, 0.2191, 0.2243)
contains.

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Color

Yxy(28.6740, 0.2191, 0.2245)

Conversions

Conversions Part 1

Format	Color
Hex	5E94DB
RGB	94, 148, 219
RGB Percent	37%, 58%, 86%
CMY	0.6317, 0.4195, 0.1412
CMYK	0.57, 0.32, 0.00, 0.14
HSL	214°, 63%, 61%
HSV	214°, 57%, 86%
XYZ	27.9843, 28.6740, 71.0655
YIQ	139.9480, -54.9750, 10.6330

Conversions

Conversions Part 2

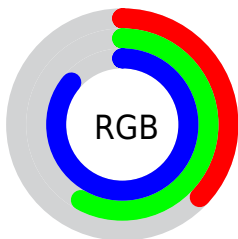
Format	Color
R _Y B	94, 132, 219
Decimal	6198491
CIE Lab	60.49, 2.92, -41.60
CIE LCh	60, 41.704, 274.015
Yxy	28.6740, 0.2191, 0.2245
Android (android.graphics.Color)	4284388571 (0xFF5E94DB)
YUV	139.9480, 38.9726, -40.2964
Hunter-Lab	53.5481, -0.4249, -41.2021

Details

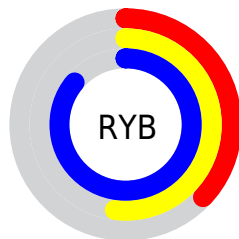
The Yxy color **28.6740, 0.2191, 0.2245** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **42.7354, 0.4300, 0.4115**, and the grayscale version is **26.0607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1365, 0.2471, 0.2661**, and **11.6099, 0.1913, 0.1941** is the 20% darker color. If you saturate the color by 10%, you get **23.9860, 0.2042, 0.2023**, and if you desaturate by 10%, it is **34.1108, 0.2353, 0.2461**.

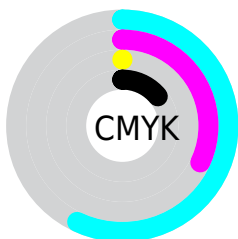
Distribution



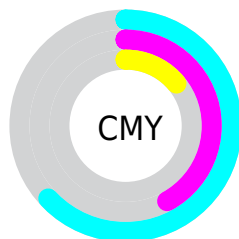
- Red (37%)
- Green (58%)
- Blue (86%)



- Red (37%)
- Yellow (52%)
- Blue (86%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (63%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6740, 0.2191, 0.2245 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 28.6740, 0.2191, 0.2245 by changing the saturation by 10% instead.

■ 28.6740, 0.2191,
0.2245

■ 28.6740, 0.2191,
0.2245

■ 295.6737, 0.2675,
0.2781

■ 18.8343, 0.2069,
0.2111

■ 57.5587, 0.2369,
0.2440

■ 11.5506, 0.1913,
0.1942

■ 77.3726, 0.2435,
0.2514

■ 6.4385, 0.1709,
0.1722

■ 101.2800, 0.2491,
0.2576

■ 3.1135, 0.1436,
0.1429

■ 129.6653, 0.2539,
0.2629

■ 1.1913, 0.1066,
0.1039

■ 162.9129, 0.2580,
0.2674

■ 0.0546, 0.0254,
0.0112

■ 201.4073, 0.2616,

■ 0.0000, 0.0000,

0.2714

0.0000

245.5327, 0.2647,
0.2750

■ 28.6740, 0.2191,
0.2245

■ 28.6740, 0.2191,
0.2245

■ 23.9860, 0.2042,
0.2023

■ 34.1108, 0.2353,
0.2461

■ 20.0020, 0.1911,
0.1803

■ 40.3311, 0.2522,
0.2667

■ 16.6758, 0.1805,
0.1591

■ 47.3709, 0.2691,
0.2857

■ 13.9485, 0.1726,
0.1395

■ 55.2625, 0.2858,
0.3032

■ 13.2475, 0.1706,
0.1341

■ 64.0365, 0.3018,
0.3189

73.7218, 0.3170,
0.3329

84.3456, 0.3313,
0.3453

93.1585, 0.3350,
0.3570

97.8936, 0.3340,
0.3641

Harmonies

Analogous

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



28.6740, 0.1950, 0.2435



28.6740, 0.2191, 0.2245



28.6740, 0.2679, 0.2296

Triad

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



28.6740, 0.2191, 0.2245



28.6740, 0.4437, 0.3461



28.6740, 0.2807, 0.4241

Complementary

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



28.6740, 0.2191, 0.2245



42.7354, 0.4300, 0.4115

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.



28.6740, 0.3466, 0.4545



28.6740, 0.2191, 0.2245



28.6740, 0.4440, 0.3974

Square

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



28.6740, 0.2191, 0.2245



28.6740, 0.4022, 0.2962



28.6740, 0.4068, 0.4396



28.6740, 0.2267, 0.3575

Rectangle

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



28.6740, 0.2191, 0.2245



28.6740, 0.3114, 0.2446



28.6740, 0.4068, 0.4396



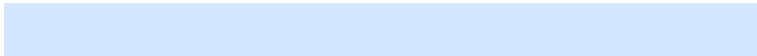
28.6740, 0.3022, 0.4395

Sweetspot

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



28.6750, 0.2191, 0.2245



77.9819, 0.2857, 0.3031



55.7392, 0.2684, 0.4075



16.1871, 0.2824, 0.2997



0.0000, 0.0000, 0.0000



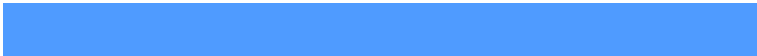
21.4041, 0.3127, 0.3290

Same Dimension

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



28.6750, 0.2191, 0.2245



32.3788, 0.2007, 0.1968



15.9461, 0.2080, 0.1488



13.5389, 0.2982, 0.3154



8.0651, 0.1714, 0.1369



0.6916, 0.1802, 0.1687

Inverse Universe

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



25.1885, 0.4075, 0.2663



29.2310, 0.4411, 0.2580



65.2579, 0.3874, 0.4672



13.1446, 0.3224, 0.3189



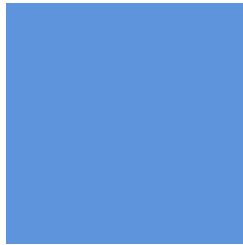
9.4379, 0.5233, 0.2656



0.6285, 0.4822, 0.2430

Previews

White Background



This preview shows how the Yxy color 28.6740, 0.2191, 0.2245 looks on a white background.

Color Contrast Check

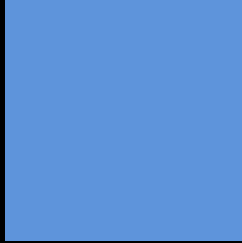
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6740, 0.2191, 0.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

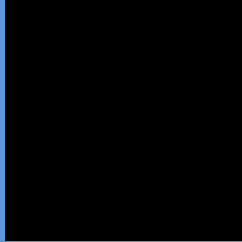
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

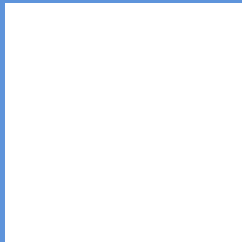
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.6740, 0.2191, 0.2245

Background



This preview shows how black text looks on a background with the Yxy color 28.6740, 0.2191, 0.2245.

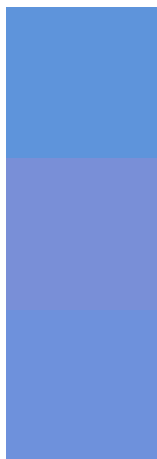


This preview shows how white text looks on a background with the Yxy color 28.6740, 0.2191, 0.2245.

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

28.6740, 0.2191, 0.2245

Protanopia

28.6162, 0.2363, 0.2256

Deuteranopia

28.7331, 0.2269, 0.2212



Tritanopia

28.8118, 0.2385, 0.3080

Trichromacy



Original Color

28.6740, 0.2191, 0.2245

Protanomaly

28.5882, 0.2296, 0.2258

Deuteranomaly

28.6681, 0.2236, 0.2217

Tritanomaly

28.4914, 0.2303, 0.2731

Monochromacy



Original Color

28.6740, 0.2191, 0.2245

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7204, 0.2698, 0.2866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6740, 0.2191, 0.2245 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(94, 148, 219)` looks like.

```
.text, #text, p{  
    color:rgb(94, 148, 219)  
}
```

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(94, 148, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 148, 219) }
```

Border

The CSS property to change the border of an element to Yxy 28.6740, 0.2191, 0.2245 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(94, 148, 219) }
```

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

```
.border{ border-color:rgb(94, 148, 219) }
```

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

Here you see how a box with a 4 pixel rgb(94, 148, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(94, 148,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6740, 0.2191, 0.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 148, 219) }
```

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

```
.background{ background-color: rgb(94, 148,  
219) }
```

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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