

Converting Colors

$Yxy(27.1424, 0.2081, 0.2223)$

Have a look what the booklet for
Yxy(27.1424, 0.2081, 0.2223)
contains.

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Color

Yxy(27.1424, 0.2081, 0.2223)

Conversions

Conversions Part 1

Format	Color
Hex	4593D9
RGB	69, 147, 217
RGB Percent	27%, 58%, 85%
CMY	0.7297, 0.4235, 0.1490
CMYK	0.68, 0.32, 0.00, 0.15
HSL	208°, 66%, 56%
HSV	208°, 68%, 85%
XYZ	25.4086, 27.1424, 69.5471
YIQ	131.6580, -68.9580, 5.2340

Conversions

Conversions Part 2

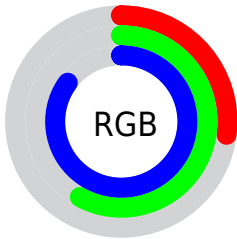
Format	Color
R _Y B	69, 120, 217
Decimal	4559833
CIE Lab	59.11, -1.64, -42.75
CIE LCh	59, 42.779, 267.807
Yxy	27.1424, 0.2081, 0.2223
Android (android.graphics.Color)	4282749913 (0xFF4593D9)
YUV	131.6580, 42.0736, -54.9511
Hunter-Lab	52.0984, -4.1169, -42.6784

Details

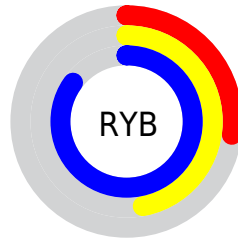
The Yxy color **27.1424, 0.2081, 0.2223** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **33.6249, 0.4711, 0.4071**, and the grayscale version is **22.8043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8988, 0.2366, 0.2632**, and **11.1580, 0.1870, 0.1933** is the 20% darker color. If you saturate the color by 10%, you get **23.4408, 0.1966, 0.2038**, and if you desaturate by 10%, it is **31.4202, 0.2215, 0.2407**.

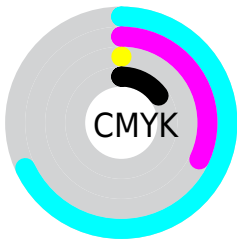
Distribution



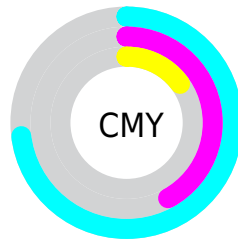
- Red (27%)
- Green (58%)
- Blue (85%)



- Red (27%)
- Yellow (47%)
- Blue (85%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (73%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1424, 0.2081, 0.2223 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 27.1424, 0.2081, 0.2223 by changing the saturation by 10% instead.

■ 27.1424, 0.2081,
0.2223

■ 27.1424, 0.2081,
0.2223

288.3459, 0.2622,
0.2777

■ 17.6802, 0.1945,
0.2083

■ 55.1123, 0.2279,
0.2427

■ 10.7206, 0.1773,
0.1905

■ 74.3888, 0.2353,
0.2503

■ 5.8793, 0.1550,
0.1673

■ 97.7055, 0.2416,
0.2567

■ 2.7718, 0.1255,
0.1365

■ 125.4468, 0.2469,
0.2621

■ 1.0138, 0.0868,
0.0956

■ 157.9971, 0.2515,
0.2668

■ 0.0000, 0.0000,
0.0000

195.7408, 0.2555,

0.2709

239.0623, 0.2590,
0.2745

■ 27.1424, 0.2081,
0.2223

■ 27.1424, 0.2081,
0.2223

■ 23.4408, 0.1966,
0.2038

■ 31.4202, 0.2215,
0.2407

■ 20.2720, 0.1874,
0.1856

■ 36.3071, 0.2363,
0.2586

■ 17.5801, 0.1804,
0.1683

■ 41.8358, 0.2519,
0.2756

■ 17.1407, 0.1793,
0.1653

■ 48.0355, 0.2681,
0.2915

■ 54.9333, 0.2842,
0.3060

■ 62.5544, 0.3001,
0.3192

■ 70.9227, 0.3154,
0.3310

■ 80.0609, 0.3300,
0.3415

■ 88.1965, 0.3374,
0.3512

Harmonies

Analogous

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



27.1424, 0.1888, 0.2472



27.1424, 0.2081, 0.2223



27.1424, 0.2535, 0.2229

Triad

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



27.1424, 0.2081, 0.2223



27.1424, 0.4439, 0.3352



27.1424, 0.2927, 0.4395

Complementary

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



27.1424, 0.2081, 0.2223



33.6249, 0.4711, 0.4071

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.



27.1424, 0.3617, 0.4605



27.1424, 0.2081, 0.2223



27.1424, 0.4531, 0.3887

Square

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



27.1424, 0.2081, 0.2223



27.1424, 0.3929, 0.2849



27.1424, 0.4210, 0.4362



27.1424, 0.2328, 0.3746

Rectangle

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



27.1424, 0.2081, 0.2223



27.1424, 0.2964, 0.2356



27.1424, 0.4210, 0.4362



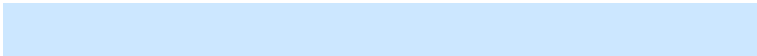
27.1424, 0.3156, 0.4523

Sweetspot

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



27.1433, 0.2081, 0.2223



77.1489, 0.2811, 0.3033



52.7260, 0.2719, 0.4501



15.8994, 0.2765, 0.2992



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.



27.1433, 0.2081, 0.2223



31.6285, 0.1921, 0.1955



11.1528, 0.1824, 0.1168



13.7480, 0.2982, 0.3177



10.5891, 0.1799, 0.1677



0.8581, 0.1878, 0.1961

Inverse Universe

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



21.1072, 0.4144, 0.2429



25.6118, 0.4475, 0.2377



62.3018, 0.4084, 0.4778



13.1657, 0.3210, 0.3167



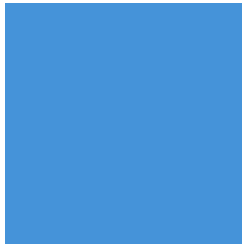
9.6927, 0.4834, 0.2437



0.6453, 0.4498, 0.2251

Previews

White Background



This preview shows how the Yxy color 27.1424, 0.2081, 0.2223 looks on a white background.

Color Contrast Check

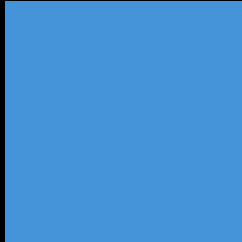
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1424, 0.2081, 0.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

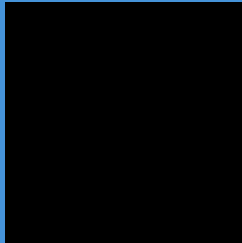
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

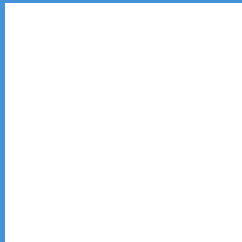
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1424, 0.2081, 0.2223

Background



This preview shows how black text looks on a background with the Yxy color 27.1424, 0.2081, 0.2223.

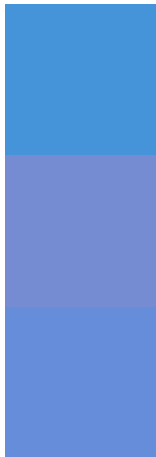


This preview shows how white text looks on a background with the Yxy color 27.1424, 0.2081, 0.2223.

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

27.1424, 0.2081, 0.2223

Protanopia

26.9003, 0.2354, 0.2246

Deuteranopia

26.9365, 0.2219, 0.2161



Tritanopia

26.9988, 0.2232, 0.3052

Trichromacy



Original Color

27.1424, 0.2081, 0.2223

Protanomaly

26.8594, 0.2235, 0.2229

Deuteranomaly

26.8805, 0.2158, 0.2173

Tritanomaly

26.9320, 0.2167, 0.2724

Monochromacy



Original Color

27.1424, 0.2081, 0.2223

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7869, 0.2611, 0.2841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1424, 0.2081, 0.2223 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(69, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(69, 147, 217)  
}
```

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(69, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 147, 217) }
```

Border

The CSS property to change the border of an element to Yxy 27.1424, 0.2081, 0.2223 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(69, 147, 217) }
```

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

```
.border{ border-color:rgb(69, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(69, 147,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1424, 0.2081, 0.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 147, 217) }
```

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

```
.background{ background-color: rgb(69, 147,  
217) }
```

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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