

Converting Colors

$Yxy(28.4064, 0.2084, 0.2104)$

Have a look what the booklet for
Yxy(28.4064, 0.2084, 0.2104)
contains.

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Color

Yxy(28.3184, 0.2086, 0.2106)

Conversions

Conversions Part 1

Format	Color
Hex	5293E5
RGB	82, 147, 229
RGB Percent	32%, 58%, 90%
CMY	0.6786, 0.4235, 0.1021
CMYK	0.64, 0.36, 0.00, 0.10
HSL	213°, 74%, 61%
HSV	213°, 64%, 90%
XYZ	28.0495, 28.3184, 78.0975
YIQ	136.9130, -65.0620, 11.7220

Conversions

Conversions Part 2

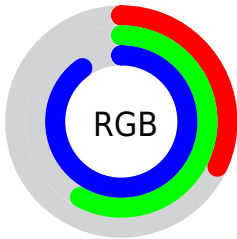
Format	Color
R _{YB}	82, 127, 229
Decimal	5411813
CIE Lab	60.18, 4.55, -47.69
CIE LCh	60, 47.908, 275.446
Yxy	28.3184, 0.2086, 0.2106
Android (android.graphics.Color)	4283601893 (0xFF5293E5)
YUV	136.9130, 45.3989, -48.1587
Hunter-Lab	53.2150, 0.9604, -49.7625

Details

The Yxy color **28.3184, 0.2086, 0.2106** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **43.7803, 0.4493, 0.4177**, and the grayscale version is **24.8217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9226, 0.2426, 0.2642**, and **11.5665, 0.1831, 0.1792** is the 20% darker color. If you saturate the color by 10%, you get **23.7067, 0.1951, 0.1887**, and if you desaturate by 10%, it is **33.7148, 0.2238, 0.2324**.

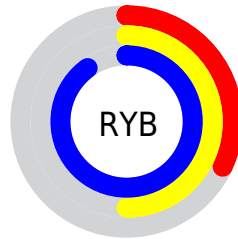
Distribution



Red (32%)

Green (58%)

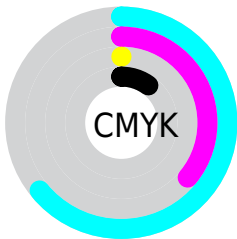
Blue (90%)



Red (32%)

Yellow (50%)

Blue (90%)

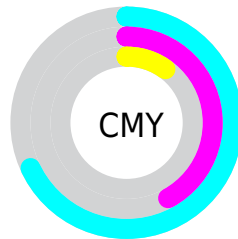


Cyan (64%)

Magenta (36%)

Yellow (0%)

Black (10%)



Cyan (68%)


Magenta (42%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3184, 0.2086, 0.2106 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 28.3184, 0.2086, 0.2106 by changing the saturation by 10% instead.


 28.3184, 0.2086,
0.2106


 28.3184, 0.2086,
0.2106


293.9852, 0.2620,
0.2705

 18.5658, 0.1954,
0.1960


 56.9924, 0.2280,
0.2322


 11.3570, 0.1787,
0.1778

 76.6826, 0.2354,
0.2404

 6.3075, 0.1572,
0.1546


 100.4541, 0.2415,
0.2473

 3.0329, 0.1292,
0.1247

 128.6913, 0.2468,
0.2533

 1.1490, 0.0927,
0.0866

161.7786, 0.2514,
0.2585

 0.0194, 0.0215,
0.0032

200.1005, 0.2554,

 0.0000, 0.0000,

0.2630

0.0000

244.0412, 0.2589,
0.2670

■ 28.3184, 0.2086,
0.2106

■ 28.3184, 0.2086,
0.2106

■ 23.7067, 0.1951,
0.1887

■ 33.7148, 0.2238,
0.2324

■ 19.8269, 0.1839,
0.1675

■ 39.9373, 0.2402,
0.2534

■ 16.6214, 0.1753,
0.1476

■ 47.0274, 0.2571,
0.2732


■ 15.0279, 0.1713,
0.1368

■ 55.0224, 0.2739,
0.2915

■ 63.9570, 0.2905,
0.3082

 73.8641, 0.3063,
0.3232

 84.7747, 0.3213,
0.3365

 94.7466, 0.3286,
0.3487

 98.4357, 0.3280,
0.3542

Harmonies

Analogous

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



28.3184, 0.1807, 0.2294



28.3184, 0.2086, 0.2106



28.3184, 0.2643, 0.2179

Triad

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



28.3184, 0.2086, 0.2106



28.3184, 0.4647, 0.3490



28.3184, 0.2714, 0.4376

Complementary

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



28.3184, 0.2086, 0.2106



43.7803, 0.4493, 0.4177

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.



28.3184, 0.3460, 0.4746



28.3184, 0.2086, 0.2106



28.3184, 0.4612, 0.4067

Square

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



28.3184, 0.2086, 0.2106



28.3184, 0.4190, 0.2935



28.3184, 0.4157, 0.4560



28.3184, 0.2120, 0.3572

Rectangle

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



28.3184, 0.2086, 0.2106



28.3184, 0.3143, 0.2353



28.3184, 0.4157, 0.4560



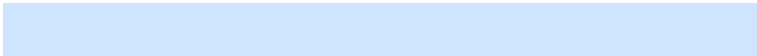
28.3184, 0.2955, 0.4565

Sweetspot

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



28.3193, 0.2086, 0.2106



75.9029, 0.2824, 0.3003



60.4539, 0.2668, 0.4235



15.5540, 0.2777, 0.2954



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.



28.3193, 0.2086, 0.2106



28.5569, 0.1912, 0.1817



13.8212, 0.1923, 0.1248



14.9317, 0.2981, 0.3155



8.8258, 0.1721, 0.1396



0.8349, 0.1799, 0.1678

Inverse Universe

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



24.7877, 0.4244, 0.2592



26.4133, 0.4613, 0.2541



72.1034, 0.3959, 0.4794



14.4735, 0.3223, 0.3186



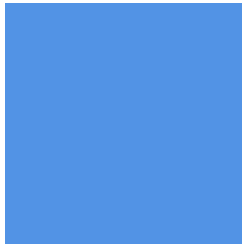
10.0887, 0.5196, 0.2636



0.7640, 0.4834, 0.2437

Previews

White Background



This preview shows how the Yxy color 28.3184, 0.2086, 0.2106 looks on a white background.

Color Contrast Check

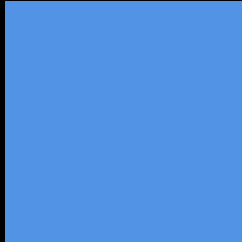
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3184, 0.2086, 0.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

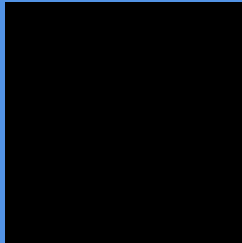
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

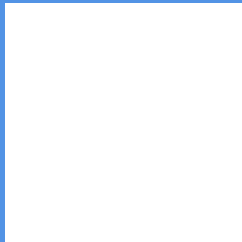
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.3184, 0.2086, 0.2106

Background



This preview shows how black text looks on a background with the Yxy color 28.3184, 0.2086, 0.2106.



This preview shows how white text looks on a background with the Yxy color 28.3184, 0.2086, 0.2106.

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

28.3184, 0.2086, 0.2106

Protanopia

28.3052, 0.2265, 0.2132

Deuteranopia

28.1465, 0.2138, 0.2070



Tritanopia

28.4529, 0.2275, 0.3059

Trichromacy



Original Color

28.3184, 0.2086, 0.2106

Protanomaly

28.2623, 0.2189, 0.2120

Deuteranomaly

28.1881, 0.2117, 0.2077

Tritanomaly

28.3171, 0.2194, 0.2663

Monochromacy



Original Color

28.3184, 0.2086, 0.2106

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.7339, 0.2633, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3184, 0.2086, 0.2106 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(82, 147, 229)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 229)  
}
```

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(82, 147, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 229) }
```

Border

The CSS property to change the border of an element to Yxy 28.3184, 0.2086, 0.2106 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(82, 147, 229) }
```

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

```
.border{ border-color:rgb(82, 147, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 229);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3184, 0.2086, 0.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 229) }
```

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

```
.background{ background-color: rgb(82, 147,  
229) }
```

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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