

Converting Colors

$Y_{xy}(26.9309, 0.2208, 0.2148)$

Have a look what the booklet for
Yxy(26.9309, 0.2208, 0.2148)
contains.

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Color

Yxy(26.9309, 0.2208, 0.2148)

Conversions

Conversions Part 1

Format	Color
Hex	658DDB
RGB	101, 141, 219
RGB Percent	40%, 55%, 86%
CMY	0.6037, 0.4471, 0.1411
CMYK	0.54, 0.36, 0.00, 0.14
HSL	220°, 62%, 63%
HSV	220°, 54%, 86%
XYZ	27.6832, 26.9309, 70.7626
YIQ	137.9320, -48.8780, 15.7780

Conversions

Conversions Part 2

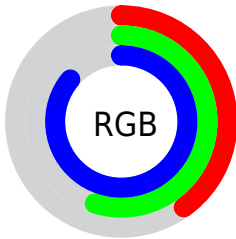
Format	Color
RYB	101, 131, 219
Decimal	6655451
CIELab	58.91, 8.54, -44.08
CIElCh	59, 44.903, 280.969
Yxy	26.9309, 0.2208, 0.2148
Android (android.graphics.Color)	4284845531 (0xFF658DDB)
YUV	137.9320, 39.9665, -32.3894
Hunter-Lab	51.8950, 4.4038, -44.5197

Details

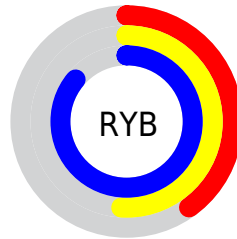
The Yxy color **26.9309, 0.2208, 0.2148** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **48.2736, 0.4144, 0.4194**, and the grayscale version is **25.2521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1745, 0.2495, 0.2569**, and **10.5746, 0.1925, 0.1811** is the 20% darker color. If you saturate the color by 10%, you get **21.8348, 0.2041, 0.1892**, and if you desaturate by 10%, it is **32.9245, 0.2385, 0.2398**.

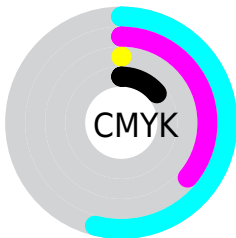
Distribution



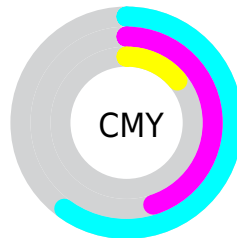
- Red (40%)
- Green (55%)
- Blue (86%)



- Red (40%)
- Yellow (51%)
- Blue (86%)



- Cyan (54%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (60%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9309, 0.2208, 0.2148 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 26.9309, 0.2208, 0.2148 by changing the saturation by 10% instead.

■ 26.9309, 0.2208,
0.2148

■ 26.9309, 0.2208,
0.2148

■ 287.3224, 0.2689,
0.2730

■ 17.5213, 0.2085,
0.2004

■ 54.7730, 0.2386,
0.2359

■ 10.6069, 0.1927,
0.1823

■ 73.9743, 0.2452,
0.2439

■ 5.8032, 0.1720,
0.1590

■ 97.2082, 0.2508,
0.2506

■ 2.7258, 0.1441,
0.1285

■ 124.8593, 0.2555,
0.2564

■ 0.9903, 0.1062,
0.0888

■ 157.3119, 0.2596,
0.2614

■ 0.0000, 0.0199,
0.0000

■ 194.9503, 0.2631,

■ 0.0000, 0.0000,

0.2658

0.0000

238.1590, 0.2662,
0.2696

■ 26.9309, 0.2208,
0.2148

■ 26.9309, 0.2208,
0.2148

■ 21.8348, 0.2041,
0.1892

■ 32.9245, 0.2385,
0.2398

■ 17.5844, 0.1892,
0.1640

■ 39.8576, 0.2564,
0.2634

■ 14.1263, 0.1768,
0.1402


■ 47.7725, 0.2741,
0.2852

■ 11.3972, 0.1676,
0.1189


■ 56.7081, 0.2910,
0.3050

■ 10.0317, 0.1632,
0.1074

■ 66.7008, 0.3069,
0.3227

 77.7853, 0.3217,
0.3384

 89.9947, 0.3352,
0.3522

 97.8949, 0.3339,
0.3641

Harmonies

Analogous

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



26.9309, 0.1888, 0.2283



26.9309, 0.2208, 0.2148



26.9309, 0.2790, 0.2259

Triad

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



26.9309, 0.2208, 0.2148



26.9309, 0.4607, 0.3593



26.9309, 0.2615, 0.4199

Complementary

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



26.9309, 0.2208, 0.2148



48.2736, 0.4144, 0.4194

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.



26.9309, 0.3318, 0.4651



26.9309, 0.2208, 0.2148



26.9309, 0.4495, 0.4140

Square

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



26.9309, 0.2208, 0.2148



26.9309, 0.4251, 0.3047



26.9309, 0.4008, 0.4570



26.9309, 0.2087, 0.3411

Rectangle

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



26.9309, 0.2208, 0.2148



26.9309, 0.3288, 0.2451



26.9309, 0.4008, 0.4570



26.9309, 0.2838, 0.4406

Sweetspot

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



26.9318, 0.2208, 0.2148



77.0399, 0.2872, 0.3007



56.6412, 0.2648, 0.3874



15.9183, 0.2837, 0.2966



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.



26.9318, 0.2208, 0.2148



29.7183, 0.2014, 0.1849



18.3381, 0.2222, 0.1629



13.3341, 0.2981, 0.3131



6.1301, 0.1639, 0.1101



0.5535, 0.1731, 0.1431

Inverse Universe

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



26.3030, 0.4150, 0.2822



30.5020, 0.4516, 0.2756



64.0698, 0.3761, 0.4646



13.1239, 0.3239, 0.3211



9.2426, 0.5609, 0.2864



0.6146, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 26.9309, 0.2208, 0.2148 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 26.9309, 0.2208, 0.2148 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 26.9309, 0.2208, 0.2148

Background



This preview shows how black text looks on a background with the Yxy color 26.9309, 0.2208, 0.2148.

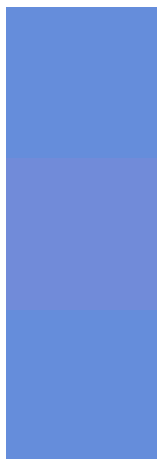


This preview shows how white text looks on a background with the Yxy color 26.9309, 0.2208, 0.2148.

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

26.9309, 0.2208, 0.2148

Protanopia

26.9857, 0.2287, 0.2161

Deuteranopia

26.9309, 0.2208, 0.2148



Tritanopia

26.9306, 0.2446, 0.3077

Trichromacy



Original Color

26.9309, 0.2208, 0.2148

Protanomaly

27.0693, 0.2259, 0.2157

Deuteranomaly

26.9309, 0.2208, 0.2148

Tritanomaly

26.7643, 0.2350, 0.2692

Monochromacy



Original Color

26.9309, 0.2208, 0.2148

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.6152, 0.2726, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9309, 0.2208, 0.2148 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(101, 141, 219)` looks like.

```
.text, #text, p{  
    color:rgb(101, 141, 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(101, 141, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 141, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.9309, 0.2208, 0.2148 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(101, 141, 219) }
```

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

```
.border{ border-color:rgb(101, 141, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 141, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 141, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 141, 219);  
box-shadow:4px 4px 4px 4px rgb(101, 141,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9309, 0.2208, 0.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 141, 219) }
```

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

```
.background{ background-color: rgb(101,  
141, 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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