

Converting Colors

$Y_{xy}(26.8822, 0.2426, 0.2398)$

Have a look what the booklet for
Yxy(26.8822, 0.2426, 0.2398)
contains.

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Color

Yxy(26.9552, 0.2427, 0.2408)

Conversions

Conversions Part 1

Format	Color
Hex	758DC7
RGB	117, 141, 199
RGB Percent	46%, 55%, 78%
CMY	0.5413, 0.4470, 0.2195
CMYK	0.41, 0.29, 0.00, 0.22
HSL	222°, 42%, 62%
HSV	222°, 41%, 78%
XYZ	27.1679, 26.9552, 57.8171
YIQ	140.4360, -32.9220, 12.9500

Conversions

Conversions Part 2

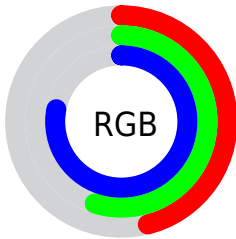
Format	Color
R_{YB}	117, 136, 199
Decimal	7704007
CIE Lab	58.93, 6.38, -32.76
CIE LCh	59, 33.376, 281.016
Yxy	26.9552, 0.2427, 0.2408
Android (android.graphics.Color)	4285894087 (0xFF758DC7)
YUV	140.4360, 28.8721, -20.5534
Hunter-Lab	51.9184, 2.5484, -29.6834

Details

The Yxy color **26.9552, 0.2427, 0.2408** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.0802, 0.3852, 0.4034**, and the grayscale version is **26.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5742, 0.2574, 0.2584**, and **10.6165, 0.2200, 0.2130** is the 20% darker color. If you saturate the color by 10%, you get **21.8320, 0.2244, 0.2146**, and if you desaturate by 10%, it is **32.9006, 0.2610, 0.2655**.

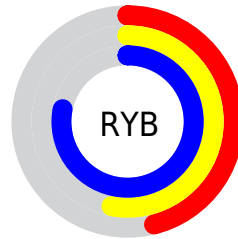
Distribution



Red (46%)

Green (55%)

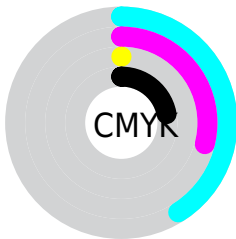
Blue (78%)



Red (46%)

Yellow (53%)

Blue (78%)

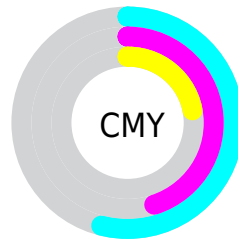


Cyan (41%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9552, 0.2427, 0.2408 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 26.9552, 0.2427, 0.2408 by changing the saturation by 10% instead.

■ 26.9552, 0.2427,
0.2408

■ 26.9552, 0.2427,
0.2408

■ 287.4401, 0.2800,
0.2868

■ 17.5396, 0.2328,
0.2289

■ 54.8120, 0.2567,
0.2579

■ 10.6199, 0.2198,
0.2135

■ 74.0219, 0.2619,
0.2642

■ 5.8119, 0.2021,
0.1929

■ 97.2654, 0.2662,
0.2695

■ 2.7310, 0.1769,
0.1644

■ 124.9269, 0.2698,
0.2740

■ 0.9930, 0.1397,
0.1237

■ 157.3907, 0.2729,
0.2779

■ 0.0000, 0.0157,
0.0000

■ 195.0412, 0.2756,

■ 0.0000, 0.0000,

0.2812

0.0000

238.2629, 0.2779,
0.2842

■ 26.9552, 0.2427,
0.2408

■ 26.9552, 0.2427,
0.2408

■ 21.8320, 0.2244,
0.2146

■ 32.9006, 0.2610,
0.2655

■ 17.4896, 0.2069,
0.1877

■ 39.7010, 0.2786,
0.2882

■ 13.8872, 0.1909,
0.1611

■ 47.3910, 0.2953,
0.3087

■ 10.9784, 0.1774,
0.1360

■ 56.0020, 0.3109,
0.3269

■ 8.7107, 0.1670,
0.1138

■ 65.5643, 0.3252,
0.3430

■ 7.1827, 0.1604,
0.0973

■ 76.1065, 0.3382,
0.3571

■ 87.4123, 0.3490,
0.3695

■ 95.9977, 0.3462,
0.3827

■ 96.9046, 0.3460,
0.3840

Harmonies

Analogous

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



26.9552, 0.2169, 0.2528



26.9552, 0.2427, 0.2408



26.9552, 0.2882, 0.2491

Triad

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



26.9552, 0.2427, 0.2408



26.9552, 0.4231, 0.3553



26.9552, 0.2754, 0.3945

Complementary

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



26.9552, 0.2427, 0.2408



44.0802, 0.3852, 0.4034

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.



26.9552, 0.3293, 0.4277



26.9552, 0.2427, 0.2408



26.9552, 0.4166, 0.3969

Square

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



26.9552, 0.2427, 0.2408



26.9552, 0.3962, 0.3120



26.9552, 0.3813, 0.4259



26.9552, 0.2339, 0.3392

Rectangle

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



26.9552, 0.2427, 0.2408



26.9552, 0.3257, 0.2643



26.9552, 0.3813, 0.4259



26.9552, 0.2926, 0.4091

Sweetspot

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



26.9562, 0.2427, 0.2408



81.6167, 0.2938, 0.3068



47.7085, 0.2711, 0.3649



17.0722, 0.2916, 0.3042



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.



26.9562, 0.2427, 0.2408



39.4836, 0.2272, 0.2187



21.8559, 0.2511, 0.2079



10.7855, 0.2983, 0.3122



4.7507, 0.1610, 0.0996



0.3527, 0.1730, 0.1427

Inverse Universe

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



26.7827, 0.3856, 0.2974



40.0161, 0.4090, 0.2913



52.1604, 0.3594, 0.4352



10.6872, 0.3244, 0.3223



8.0196, 0.5764, 0.2949



0.3926, 0.5154, 0.2613

Previews

White Background



This preview shows how the Yxy color 26.9552, 0.2427, 0.2408 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 26.9552, 0.2427, 0.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

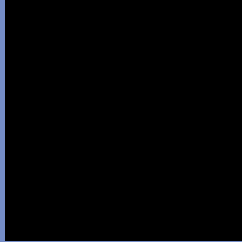
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

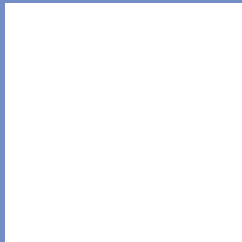
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9552, 0.2427, 0.2408

Background



This preview shows how black text looks on a background with the Yxy color 26.9552, 0.2427, 0.2408.



This preview shows how white text looks on a background with the Yxy color 26.9552, 0.2427, 0.2408.

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

26.9552, 0.2427, 0.2408

Protanopia

26.8275, 0.2483, 0.2402

Deuteranopia

26.9446, 0.2455, 0.2399



Tritanopia

26.8437, 0.2641, 0.3083

Trichromacy



Original Color

26.9552, 0.2427, 0.2408

Protanomaly

26.8983, 0.2462, 0.2412

Deuteranomaly

26.8728, 0.2448, 0.2398

Tritanomaly

26.6863, 0.2562, 0.2811

Monochromacy



Original Color

26.9552, 0.2427, 0.2408

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2349, 0.2845, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9552, 0.2427, 0.2408 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(117, 141, 199)` looks like.

```
.text, #text, p{  
    color:rgb(117, 141, 199)  
}
```

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(117, 141, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 141, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.9552, 0.2427, 0.2408 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(117, 141, 199) }
```

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

```
.border{ border-color:rgb(117, 141, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 141, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 141, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 141, 199);  
box-shadow:4px 4px 4px 4px rgb(117, 141,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9552, 0.2427, 0.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 141, 199) }
```

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

```
.background{ background-color: rgb(117,  
141, 199) }
```

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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