

Converting Colors

$Y_{xy}(29.4030, 0.2466, 0.2406)$

Have a look what the booklet for
Yxy(29.4030, 0.2466, 0.2406)
contains.

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Color

Yxy(29.5260, 0.2469, 0.2416)

Conversions

Conversions Part 1

Format	Color
Hex	7F92CE
RGB	127, 146, 206
RGB Percent	50%, 57%, 81%
CMY	0.5019, 0.4275, 0.1921
CMYK	0.38, 0.29, 0.00, 0.19
HSL	226°, 45%, 65%
HSV	226°, 38%, 81%
XYZ	30.1737, 29.5260, 62.5106
YIQ	147.1590, -30.5840, 14.6320

Conversions

Conversions Part 2

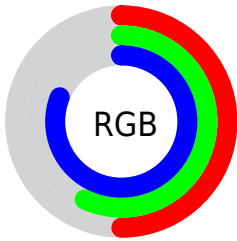
Format	Color
R_{YB}	127, 142, 206
Decimal	8360654
CIE _{Lab}	61.24, 8.14, -33.05
CIE _{LCh}	61, 34.035, 283.844
Yxy	29.5260, 0.2469, 0.2416
Android (android.graphics.Color)	4286550734 (0xFF7F92CE)
YUV	147.1590, 29.0086, -17.6794
Hunter-Lab	54.3378, 4.0296, -30.1711

Details

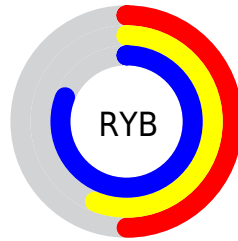
The Yxy color **29.5260, 0.2469, 0.2416** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2072, 0.3778, 0.4031**, and the grayscale version is **29.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4736, 0.2644, 0.2666**, and **12.0560, 0.2265, 0.2169** is the 20% darker color. If you saturate the color by 10%, you get **23.6046, 0.2279, 0.2138**, and if you desaturate by 10%, it is **36.4335, 0.2656, 0.2677**.

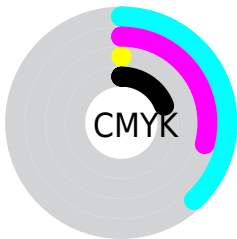
Distribution



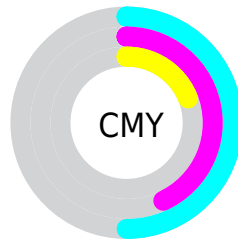
- Red (50%)
- Green (57%)
- Blue (81%)



- Red (50%)
- Yellow (56%)
- Blue (81%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5260, 0.2469, 0.2416 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 29.5260, 0.2469, 0.2416 by changing the saturation by 10% instead.

■ 29.5260, 0.2469,
0.2416

■ 29.5260, 0.2469,
0.2416

■ 299.6887, 0.2816,
0.2865

■ 19.4791, 0.2378,
0.2302

■ 58.9118, 0.2599,
0.2581

■ 12.0170, 0.2259,
0.2156

■ 79.0194, 0.2646,
0.2642

■ 6.7552, 0.2099,
0.1963

■ 103.2494, 0.2686,
0.2694

■ 3.3095, 0.1873,
0.1699

■ 131.9862, 0.2720,
0.2738

■ 1.2954, 0.1540,
0.1325

■ 165.6141, 0.2749,
0.2776

■ 0.1376, 0.0860,
0.0359

■ 204.5176, 0.2774,

■ 0.0000, 0.0000,

0.2810

0.0000

249.0810, 0.2797,
0.2839

■ 29.5260, 0.2469,
0.2416

■ 29.5260, 0.2469,
0.2416

■ 23.6046, 0.2279,
0.2138

■ 36.4335, 0.2656,
0.2677

■ 18.6194, 0.2094,
0.1851

■ 44.3671, 0.2833,
0.2915

■ 14.5211, 0.1923,
0.1568

■ 53.3685, 0.2999,
0.3130

■ 11.2540, 0.1775,
0.1303

■ 63.4761, 0.3151,
0.3320

■ 8.7555, 0.1661,
0.1072

■ 74.7263, 0.3289,
0.3486

■ 6.9441, 0.1583,
0.0885

■ 87.1539, 0.3414,
0.3632

■ 6.6975, 0.1572,
0.0859

■ 97.2370, 0.3418,
0.3770

Harmonies

Analogous

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



29.5260, 0.2193, 0.2516



29.5260, 0.2469, 0.2416



29.5260, 0.2935, 0.2515

Triad

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



29.5260, 0.2469, 0.2416



29.5260, 0.4227, 0.3593



29.5260, 0.2713, 0.3891

Complementary

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



29.5260, 0.2469, 0.2416



50.2072, 0.3778, 0.4031

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.



29.5260, 0.3240, 0.4249



29.5260, 0.2469, 0.2416



29.5260, 0.4133, 0.3997

Square

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



29.5260, 0.2469, 0.2416



29.5260, 0.3991, 0.3161



29.5260, 0.3763, 0.4264



29.5260, 0.2319, 0.3338

Rectangle

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



29.5260, 0.2469, 0.2416



29.5260, 0.3310, 0.2676



29.5260, 0.3763, 0.4264



29.5260, 0.2880, 0.4044

Sweetspot

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



29.5271, 0.2469, 0.2416



80.7070, 0.2938, 0.3051



52.2190, 0.2711, 0.3564



16.8592, 0.2916, 0.3023



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.



29.5271, 0.2469, 0.2416



39.8324, 0.2313, 0.2188



25.8185, 0.2597, 0.2182



11.2746, 0.2983, 0.3109



4.2510, 0.1578, 0.0881



0.3412, 0.1686, 0.1267

Inverse Universe

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



30.3800, 0.3837, 0.3048



42.1004, 0.4071, 0.2999



56.1547, 0.3532, 0.4291



11.2571, 0.3253, 0.3234



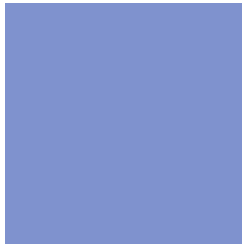
8.2321, 0.5941, 0.3046



0.4370, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 29.5260, 0.2469, 0.2416 looks on a white background.

Color Contrast Check

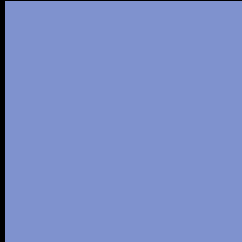
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5260, 0.2469, 0.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

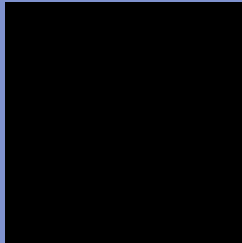
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5260, 0.2469, 0.2416

Background



This preview shows how black text looks on a background with the Yxy color 29.5260, 0.2469, 0.2416.



This preview shows how white text looks on a background with the Yxy color 29.5260, 0.2469, 0.2416.

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

29.5260, 0.2469, 0.2416

Protanopia

29.3742, 0.2482, 0.2405

Deuteranopia

29.6032, 0.2477, 0.2418



Tritanopia

29.6463, 0.2689, 0.3093

Trichromacy



Original Color

29.5260, 0.2469, 0.2416

Protanomaly

29.2962, 0.2474, 0.2403

Deuteranomaly

29.6032, 0.2477, 0.2418

Tritanomaly

29.5344, 0.2604, 0.2818

Monochromacy



Original Color

29.5260, 0.2469, 0.2416

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2700, 0.2866, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5260, 0.2469, 0.2416 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(127, 146, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 206)  
}
```

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(127, 146, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 206) }
```

Border

The CSS property to change the border of an element to Yxy 29.5260, 0.2469, 0.2416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

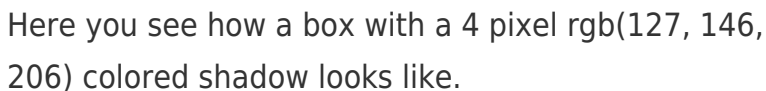
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 146, 206) }
```

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

```
.border{ border-color:rgb(127, 146, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 146, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 146, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 146, 206); box-shadow:4px 4px 4px 4px rgb(127, 146, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5260, 0.2469, 0.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 206) }
```

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

```
.background{ background-color: rgb(127,  
146, 206) }
```

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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