

Converting Colors

$Y_{xy}(29.4511, 0.2623, 0.2676)$

Have a look what the booklet for
Yxy(29.4511, 0.2623, 0.2676)
contains.

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Color

Yxy(29.5565, 0.2620, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	8294BC
RGB	130, 148, 188
RGB Percent	51%, 58%, 74%
CMY	0.4902, 0.4196, 0.2626
CMYK	0.31, 0.21, 0.00, 0.26
HSL	221°, 30%, 62%
HSV	221°, 31%, 74%
XYZ	28.8732, 29.5565, 51.7735
YIQ	147.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

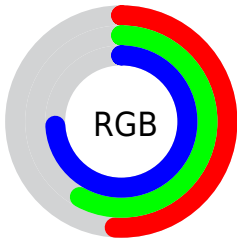
Format	Color
R _Y B	130, 144, 188
Decimal	8557756
CIE Lab	61.27, 3.06, -22.88
CIE LCh	61, 23.083, 277.610
Yxy	29.5565, 0.2620, 0.2682
Android (android.graphics.Color)	4286747836 (0xFF8294BC)
YUV	147.1780, 20.1252, -15.0651
Hunter-Lab	54.3659, -0.3405, -18.4066

Details

The Yxy color **29.5565, 0.2620, 0.2682** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.0584, 0.3653, 0.3831**, and the grayscale version is **29.1775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9631, 0.2723, 0.2806**, and **12.1469, 0.2455, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **24.3619, 0.2440, 0.2444**, and if you desaturate by 10%, it is **35.4807, 0.2795, 0.2901**.

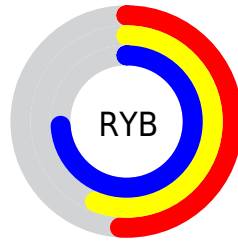
Distribution



Red (51%)

Green (58%)

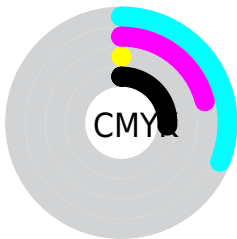
Blue (74%)



Red (51%)

Yellow (56%)

Blue (74%)

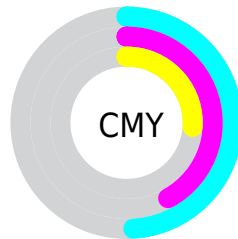


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (42%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5565, 0.2620, 0.2682 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 29.5565, 0.2620, 0.2682 by changing the saturation by 10% instead.

■ 29.5565, 0.2620,
0.2682

■ 29.5565, 0.2620,
0.2682

■ 299.8317, 0.2889,
0.3001

■ 19.5022, 0.2548,
0.2598

■ 58.9601, 0.2721,
0.2802

■ 12.0337, 0.2453,
0.2487

■ 79.0782, 0.2758,
0.2845

■ 6.7666, 0.2321,
0.2336

■ 103.3197, 0.2789,
0.2882

■ 3.3166, 0.2130,
0.2118

■ 132.0689, 0.2815,
0.2913

■ 1.2992, 0.1832,
0.1784

■ 165.7104, 0.2838,
0.2940

■ 0.1406, 0.0891,
0.0602

■ 204.6284, 0.2857,

■ 0.0000, 0.0000,

0.2963

0.0000

249.2074, 0.2874,
0.2984

■ 29.5565, 0.2620,
0.2682

■ 29.5565, 0.2620,
0.2682

■ 24.3619, 0.2440,
0.2444

■ 35.4807, 0.2795,
0.2901

■ 19.8638, 0.2260,
0.2190

■ 42.1590, 0.2960,
0.3099

■ 16.0311, 0.2087,
0.1928

■ 49.6190, 0.3114,
0.3276

■ 12.8293, 0.1928,
0.1667

■ 57.8858, 0.3257,
0.3432

■ 10.2199, 0.1793,
0.1419

■ 66.9832, 0.3386,
0.3568

■ 8.1592, 0.1688,
0.1196

■ 76.9342, 0.3504,
0.3687

■ 6.6952, 0.1617,
0.1020

■ 86.4865, 0.3564,
0.3800

■ 94.3427, 0.3533,
0.3919

■ 96.4119, 0.3526,
0.3949

Harmonies

Analogous

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



29.5565, 0.2452, 0.2795



29.5565, 0.2620, 0.2682



29.5565, 0.2926, 0.2719

Triad

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



29.5565, 0.2620, 0.2682



29.5565, 0.3855, 0.3455



29.5565, 0.2922, 0.3750

Complementary

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



29.5565, 0.2620, 0.2682



41.0584, 0.3653, 0.3831

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.



29.5565, 0.3295, 0.3946



29.5565, 0.2620, 0.2682



29.5565, 0.3845, 0.3742

Square

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



29.5565, 0.2620, 0.2682



29.5565, 0.3653, 0.3149



29.5565, 0.3635, 0.3932



29.5565, 0.2617, 0.3409

Rectangle

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



29.5565, 0.2620, 0.2682



29.5565, 0.3177, 0.2818



29.5565, 0.3635, 0.3932



29.5565, 0.3044, 0.3837

Sweetspot

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



29.5577, 0.2620, 0.2682



78.6068, 0.2987, 0.3131



43.6106, 0.2810, 0.3561



16.4983, 0.2964, 0.3104



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5577, 0.2620, 0.2682



47.0682, 0.2499, 0.2523



25.2239, 0.2686, 0.2421



9.6956, 0.2984, 0.3127



4.6752, 0.1623, 0.1042



0.3030, 0.1764, 0.1548

Inverse Universe

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



28.7946, 0.3600, 0.3042



45.9533, 0.3747, 0.2986



46.9806, 0.3490, 0.4075



9.5838, 0.3241, 0.3219



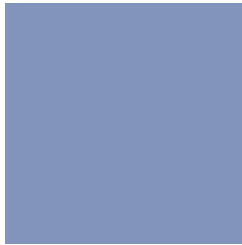
7.5017, 0.5696, 0.2911



0.3060, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 29.5565, 0.2620, 0.2682 looks on a white background.

Color Contrast Check

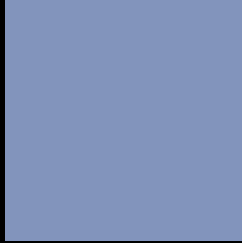
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5565, 0.2620, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

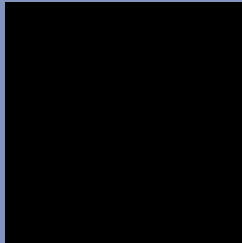
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

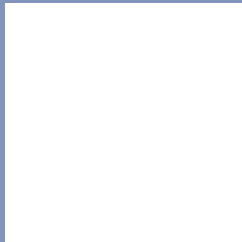
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5565, 0.2620, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 29.5565, 0.2620, 0.2682.



This preview shows how white text looks on a background with the Yxy color 29.5565, 0.2620, 0.2682.

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

29.5565, 0.2620, 0.2682

Protanopia

29.5489, 0.2692, 0.2676

Deuteranopia

29.5004, 0.2693, 0.2637



Tritanopia

29.4968, 0.2769, 0.3095

Trichromacy



Original Color

29.5565, 0.2620, 0.2682

Protanomaly

29.6062, 0.2668, 0.2687

Deuteranomaly

29.4661, 0.2660, 0.2646

Tritanomaly

29.6624, 0.2713, 0.2941

Monochromacy



Original Color

29.5565, 0.2620, 0.2682

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1388, 0.2928, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5565, 0.2620, 0.2682 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(130, 148, 188)` looks like.

```
.text, #text, p{  
    color:rgb(130, 148, 188)  
}
```

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(130, 148, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 148, 188) }
```

Border

The CSS property to change the border of an element to Yxy 29.5565, 0.2620, 0.2682 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(130, 148, 188) }
```

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

```
.border{ border-color:rgb(130, 148, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 148, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 148, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 148, 188);  
box-shadow:4px 4px 4px 4px rgb(130, 148,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5565, 0.2620, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 148, 188) }
```

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

```
.background{ background-color: rgb(130,  
148, 188) }
```

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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