

Converting Colors

$Y_{xy}(30.5211, 0.2555, 0.2695)$

Have a look what the booklet for
Yxy(30.5211, 0.2555, 0.2695)
contains.

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Color

Yxy(30.5031, 0.2559, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	7C98BF
RGB	124, 152, 191
RGB Percent	49%, 60%, 75%
CMY	0.5138, 0.4039, 0.2510
CMYK	0.35, 0.20, 0.00, 0.25
HSL	215°, 34%, 62%
HSV	215°, 35%, 75%
XYZ	28.9423, 30.5031, 53.6547
YIQ	148.0740, -29.2070, 6.1930

Conversions

Conversions Part 2

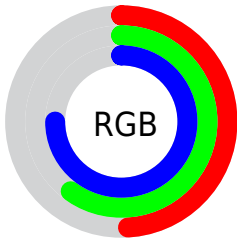
Format	Color
RYB	124, 144, 191
Decimal	8165567
CIELab	62.09, -0.19, -23.34
CIElCh	62, 23.342, 269.525
Yxy	30.5031, 0.2559, 0.2697
Android (android.graphics.Color)	4286355647 (0xFF7C98BF)
YUV	148.0740, 21.1625, -21.1129
Hunter-Lab	55.2296, -3.1114, -18.9386

Details

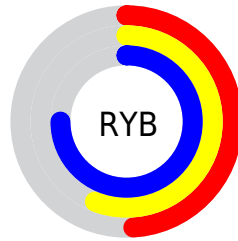
The Yxy color **30.5031, 0.2559, 0.2697** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.7184, 0.3767, 0.3816**, and the grayscale version is **29.5652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3230, 0.2672, 0.2817**, and **12.4912, 0.2378, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **25.7763, 0.2390, 0.2491**, and if you desaturate by 10%, it is **35.8460, 0.2728, 0.2888**.

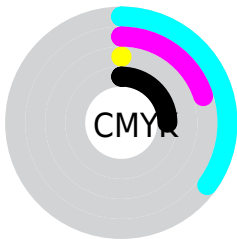
Distribution



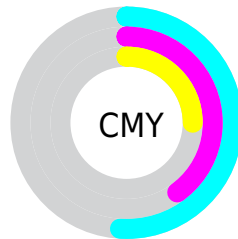
- Red (49%)
- Green (60%)
- Blue (75%)



- Red (49%)
- Yellow (56%)
- Blue (75%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5031, 0.2559, 0.2697 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 30.5031, 0.2559, 0.2697 by changing the saturation by 10% instead.

■ 30.5031, 0.2559,
0.2697

■ 30.5031, 0.2559,
0.2697

304.2425, 0.2858,
0.3009

■ 20.2208, 0.2480,
0.2615

■ 60.4569, 0.2671,
0.2814

■ 12.5556, 0.2377,
0.2507

■ 80.8972, 0.2712,
0.2857

■ 7.1233, 0.2236,
0.2359

■ 105.4922, 0.2746,
0.2892

■ 3.5393, 0.2033,
0.2147

134.6263, 0.2775,
0.2923

■ 1.4194, 0.1723,
0.1821

168.6841, 0.2800,
0.2949

■ 0.2309, 0.0810,
0.0871

208.0498, 0.2822,

■ 0.0000, 0.0000,

0.2972

0.0000

253.1078, 0.2841,
0.2991

■ 30.5031, 0.2559,
0.2697

■ 30.5031, 0.2559,
0.2697

■ 25.7763, 0.2390,
0.2491

■ 35.8460, 0.2728,
0.2888

■ 21.6367, 0.2225,
0.2274

■ 41.8249, 0.2893,
0.3061

■ 18.0583, 0.2071,
0.2049

■ 48.4633, 0.3050,
0.3217

■ 15.0111, 0.1935,
0.1824

■ 55.7822, 0.3199,
0.3356

■ 12.4617, 0.1821,
0.1607

■ 63.8016, 0.3338,
0.3479

■ 10.3708, 0.1734,
0.1406

■ 72.5406, 0.3467,
0.3587

■ 9.4801, 0.1698,
0.1313

■ 81.5051, 0.3565,
0.3684

■ 87.8822, 0.3539,
0.3790

■ 94.6606, 0.3514,
0.3893

Harmonies

Analogous

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



30.5031, 0.2434, 0.2851



30.5031, 0.2559, 0.2697



30.5031, 0.2833, 0.2695

Triad

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



30.5031, 0.2559, 0.2697



30.5031, 0.3820, 0.3372



30.5031, 0.3020, 0.3822

Complementary

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



30.5031, 0.2559, 0.2697



38.7184, 0.3767, 0.3816

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.



30.5031, 0.3394, 0.3964



30.5031, 0.2559, 0.2697



30.5031, 0.3870, 0.3671

Square

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



30.5031, 0.2559, 0.2697



30.5031, 0.3570, 0.3071



30.5031, 0.3709, 0.3895



30.5031, 0.2688, 0.3508

Rectangle

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



30.5031, 0.2559, 0.2697



30.5031, 0.3073, 0.2771



30.5031, 0.3709, 0.3895



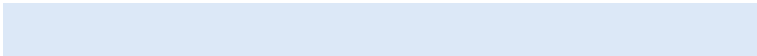
30.5031, 0.3145, 0.3893

Sweetspot

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



30.5043, 0.2559, 0.2697



79.4175, 0.2955, 0.3124



44.1546, 0.2823, 0.3725



17.0876, 0.2934, 0.3103



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.5043, 0.2559, 0.2697



48.1180, 0.2431, 0.2542



22.7964, 0.2540, 0.2263



9.8633, 0.2984, 0.3153



6.3814, 0.1705, 0.1337



0.3795, 0.1839, 0.1820

Inverse Universe

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



27.7547, 0.3603, 0.2910



43.2058, 0.3752, 0.2827



49.2249, 0.3609, 0.4165



9.6008, 0.3225, 0.3194



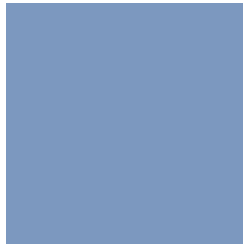
7.6739, 0.5275, 0.2680



0.3137, 0.4661, 0.2341

Previews

White Background



This preview shows how the Yxy color 30.5031, 0.2559, 0.2697 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.5031, 0.2559, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

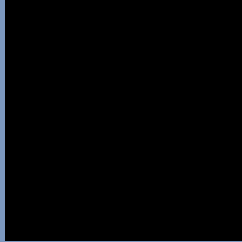
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

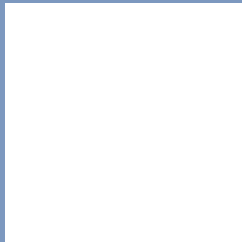
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.5031, 0.2559, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 30.5031, 0.2559, 0.2697.



This preview shows how white text looks on a background with the Yxy color 30.5031, 0.2559, 0.2697.

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

30.5031, 0.2559, 0.2697

Protanopia

30.3861, 0.2705, 0.2696

Deuteranopia

30.4240, 0.2690, 0.2631



Tritanopia

30.5634, 0.2686, 0.3079

Trichromacy



Original Color

30.5031, 0.2559, 0.2697

Protanomaly

30.2373, 0.2648, 0.2690

Deuteranomaly

30.4516, 0.2634, 0.2651

Tritanomaly

30.6820, 0.2641, 0.2942

Monochromacy



Original Color

30.5031, 0.2559, 0.2697

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6642, 0.2893, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5031, 0.2559, 0.2697 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(124, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(124, 152, 191)  
}
```

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(124, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 152, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.5031, 0.2559, 0.2697 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(124, 152, 191) }
```

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

```
.border{ border-color:rgb(124, 152, 191) }
```

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

Here you see how a box with a 4 pixel rgb(124, 152, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(124, 152,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5031, 0.2559, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 152, 191) }
```

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

```
.background{ background-color: rgb(124,  
152, 191) }
```

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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