

Converting Colors

$Y_{xy}(25.9301, 0.2468, 0.3064)$

Have a look what the booklet for
Yxy(25.9301, 0.2468, 0.3064)
contains.

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Color

$Y_{xy}(25.9529, 0.2468, 0.3074)$

Conversions

Conversions Part 1

Format	Color
Hex	5495A1
RGB	84, 149, 161
RGB Percent	33%, 58%, 63%
CMY	0.6706, 0.4157, 0.3686
CMYK	0.48, 0.07, 0.00, 0.37
HSL	189°, 31%, 48%
HSV	189°, 48%, 63%
XYZ	20.8366, 25.9529, 37.6376
YIQ	130.9330, -42.5920, -10.0480

Conversions

Conversions Part 2

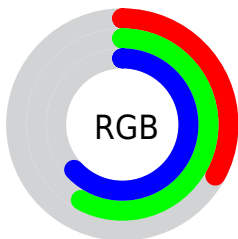
Format	Color
RYB	84, 119, 161
Decimal	5543329
CIELab	57.99, -17.45, -12.79
CIElCh	58, 21.633, 216.243
Yxy	25.9529, 0.2468, 0.3074
Android (android.graphics.Color)	4283733409 (0xFF5495A1)
YUV	130.9330, 14.8230, -41.1602
Hunter-Lab	50.9440, -16.1436, -8.1429

Details

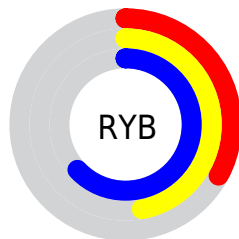
The Yxy color **25.9529, 0.2468, 0.3074** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5846, 0.4306, 0.3486**, and the grayscale version is **22.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0730, 0.2599, 0.3119**, and **10.0591, 0.2247, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **24.5083, 0.2363, 0.3021**, and if you desaturate by 10%, it is **27.5874, 0.2588, 0.3125**.

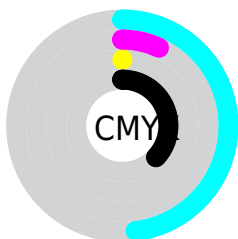
Distribution



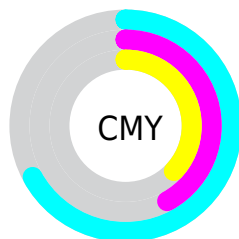
- Red (33%)
- Green (58%)
- Blue (63%)



- Red (33%)
- Yellow (47%)
- Blue (63%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (67%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9529, 0.2468, 0.3074 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 25.9529, 0.2468, 0.3074 by changing the saturation by 10% instead.

■ 25.9529, 0.2468,
0.3074

■ 25.9529, 0.2468,
0.3074

■ 282.5508, 0.2822,
0.3200

■ 16.7884, 0.2372,
0.3036

■ 53.1990, 0.2602,
0.3125

■ 10.0837, 0.2243,
0.2981

■ 72.0493, 0.2651,
0.3142

■ 5.4545, 0.2063,
0.2899

■ 94.8971, 0.2692,
0.3156

■ 2.5163, 0.1796,
0.2764

■ 122.1266, 0.2726,
0.3168

■ 0.8848, 0.1199,
0.2556

■ 154.1224, 0.2755,
0.3178

■ 0.0000, 0.0000,
0.0000

191.2687, 0.2780,

0.3186

233.9501, 0.2802,
0.3194

■ 25.9529, 0.2468,
0.3074

■ 25.9529, 0.2468,
0.3074

■ 24.5083, 0.2363,
0.3021

■ 27.5874, 0.2588,
0.3125

■ 23.2387, 0.2274,
0.2967

■ 29.4197, 0.2720,
0.3173

■ 22.1315, 0.2204,
0.2912


■ 31.4607, 0.2862,
0.3218


■ 21.1710, 0.2152,
0.2858


■ 33.7196, 0.3009,
0.3260


■ 20.3304, 0.2116,
0.2804


■ 36.2052, 0.3160,
0.3298

 20.1551, 0.2109,
0.2792

 38.9256, 0.3312,
0.3332

 41.8886, 0.3462,
0.3363

 45.1015, 0.3610,
0.3390

 48.5713, 0.3753,
0.3414

Harmonies

Analogous

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



25.9529, 0.2639, 0.3423



25.9529, 0.2468, 0.3074



25.9529, 0.2462, 0.2814

Triad

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



25.9529, 0.2468, 0.3074



25.9529, 0.3285, 0.2885



25.9529, 0.3638, 0.3913

Complementary

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



25.9529, 0.2468, 0.3074



16.5846, 0.4306, 0.3486

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.



25.9529, 0.3835, 0.3722



25.9529, 0.2468, 0.3074



25.9529, 0.3629, 0.3139

Square

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



25.9529, 0.2468, 0.3074



25.9529, 0.2915, 0.2726



25.9529, 0.3834, 0.3439



25.9529, 0.3308, 0.3935

Rectangle

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



25.9529, 0.2468, 0.3074



25.9529, 0.2550, 0.2719



25.9529, 0.3834, 0.3439



25.9529, 0.3722, 0.3865

Sweetspot

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



25.9539, 0.2468, 0.3074



57.7308, 0.2914, 0.3233



28.2165, 0.2976, 0.4541



12.4853, 0.2884, 0.3225



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.9539, 0.2468, 0.3074



43.8258, 0.2360, 0.3020



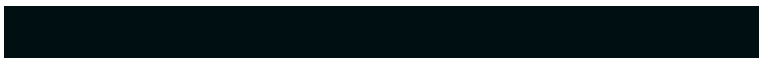
15.8152, 0.2335, 0.2342



7.8222, 0.2988, 0.3254



16.1415, 0.2110, 0.2796



0.3867, 0.2165, 0.2993

Inverse Universe

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



16.0873, 0.3343, 0.2308



24.6076, 0.3401, 0.2128



25.2848, 0.4001, 0.4073



7.1831, 0.3160, 0.3102



7.4736, 0.3638, 0.1778



0.1618, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 25.9529, 0.2468, 0.3074 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 25.9529, 0.2468, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

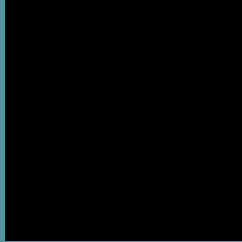
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9529, 0.2468, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 25.9529, 0.2468, 0.3074.



This preview shows how white text looks on a background with the Yxy color 25.9529, 0.2468, 0.3074.

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

25.9529, 0.2468, 0.3074

Protanopia

25.8284, 0.2959, 0.3028

Deuteranopia

25.5837, 0.2895, 0.2829



Tritanopia

25.9529, 0.2468, 0.3074

Trichromacy



Original Color

25.9529, 0.2468, 0.3074

Protanomaly

25.6319, 0.2750, 0.3034

Deuteranomaly

25.3936, 0.2715, 0.2904

Tritanomaly

25.9529, 0.2468, 0.3074

Monochromacy



Original Color

25.9529, 0.2468, 0.3074

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7074, 0.2838, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9529, 0.2468, 0.3074 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(84, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(84, 149, 161)  
}
```

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(84, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 149, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.9529, 0.2468, 0.3074 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(84, 149, 161) }
```

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

```
.border{ border-color:rgb(84, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(84, 149,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9529, 0.2468, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 149, 161) }
```

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

```
.background{ background-color: rgb(84, 149,  
161) }
```

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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