

Converting Colors

$Y_{xy}(10.9838, 0.2561, 0.3050)$

Have a look what the booklet for
Yxy(10.9838, 0.2561, 0.3050)
contains.

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Color

Yxy(10.9081, 0.2559, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	40626C
RGB	64, 98, 108
RGB Percent	25%, 38%, 42%
CMY	0.7491, 0.6157, 0.5765
CMYK	0.41, 0.09, 0.00, 0.58
HSL	194°, 26%, 34%
HSV	194°, 41%, 42%
XYZ	9.1882, 10.9081, 15.8092
YIQ	88.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

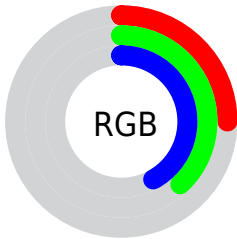
Format	Color
R_{YB}	64, 83, 108
Decimal	4219500
CIE _{Lab}	39.43, -9.43, -9.56
CIE _{LCh}	39, 13.425, 225.394
Yxy	10.9081, 0.2559, 0.3038
Android (android.graphics.Color)	4282409580 (0xFF40626C)
YUV	88.9740, 9.3798, -21.9022
Hunter-Lab	33.0274, -8.1393, -5.2611

Details

The Yxy color **10.9081, 0.2559, 0.3038** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.4540, 0.3984, 0.3524**, and the grayscale version is **9.9664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5755, 0.2709, 0.3120**, and **2.8945, 0.2264, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **10.1288, 0.2438, 0.2965**, and if you desaturate by 10%, it is **11.7725, 0.2690, 0.3107**.

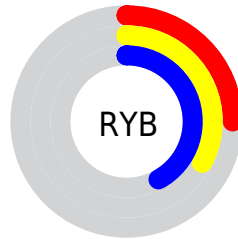
Distribution



Red (25%)

Green (38%)

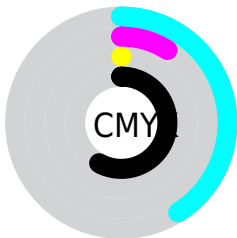
Blue (42%)



Red (25%)

Yellow (33%)

Blue (42%)

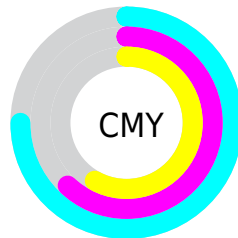


Cyan (41%)

Magenta (9%)

Yellow (0%)

Black (58%)



Cyan (75%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9081, 0.2559, 0.3038 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 10.9081, 0.2559, 0.3038 by changing the saturation by 10% instead.


 10.9081, 0.2559,
0.3038


 10.9081, 0.2559,
0.3038


 197.0360, 0.2905,
0.3199


 6.0051, 0.2441,
0.2978

 27.4901, 0.2705,
0.3108


 2.8482, 0.2263,
0.2882


 39.9379, 0.2753,
0.3131

 1.0530, 0.1960,
0.2709

 55.6693, 0.2791,
0.3148

 0.0000, 0.0000,
0.0000

 75.0689, 0.2822,
0.3162

 98.5209, 0.2848,
0.3174

 126.4099, 0.2870,

0.3183

159.1201, 0.2889,
0.3192

■ 10.9081, 0.2559,
0.3038

■ 10.9081, 0.2559,
0.3038

■ 10.1288, 0.2438,
0.2965

■ 11.7725, 0.2690,
0.3107

■ 9.4291, 0.2329,
0.2889

■ 12.7245, 0.2829,
0.3172

■ 8.8047, 0.2235,
0.2811

■ 13.7683, 0.2971,
0.3231

■ 8.2507, 0.2158,
0.2732

■ 14.9070, 0.3116,
0.3286

■ 7.7609, 0.2098,
0.2652

■ 16.1441, 0.3261,
0.3336

■ 7.3413, 0.2050,
0.2578

■ 17.4823, 0.3403,
0.3380

■ 18.9248, 0.3543,
0.3420

■ 20.4741, 0.3677,
0.3455

■ 22.1330, 0.3807,
0.3486

Harmonies

Analogous

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



10.9081, 0.2663, 0.3312



10.9081, 0.2559, 0.3038



10.9081, 0.2597, 0.2852

Triad

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



10.9081, 0.2559, 0.3038



10.9081, 0.3353, 0.3009



10.9081, 0.3478, 0.3828

Complementary

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



10.9081, 0.2559, 0.3038



8.4540, 0.3984, 0.3524

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.



10.9081, 0.3680, 0.3712



10.9081, 0.2559, 0.3038



10.9081, 0.3609, 0.3242

Square

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



10.9081, 0.2559, 0.3038



10.9081, 0.3043, 0.2846



10.9081, 0.3731, 0.3495



10.9081, 0.3187, 0.3790

Rectangle

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



10.9081, 0.2559, 0.3038



10.9081, 0.2699, 0.2795



10.9081, 0.3731, 0.3495



10.9081, 0.3559, 0.3805

Sweetspot

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



10.9085, 0.2559, 0.3038



23.8716, 0.2949, 0.3222



12.3033, 0.2967, 0.4198



5.7372, 0.2936, 0.3217



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.9085, 0.2559, 0.3038



17.8364, 0.2443, 0.2968



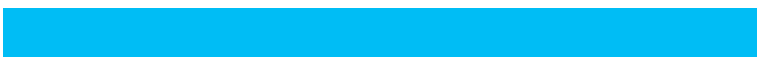
7.4046, 0.2473, 0.2463



3.3811, 0.2997, 0.3242



8.7146, 0.2048, 0.2571



43.0578, 0.2035, 0.2526

Inverse Universe

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



7.7356, 0.3355, 0.2539



11.6425, 0.3426, 0.2371



11.8389, 0.3797, 0.3996



3.1527, 0.3167, 0.3130



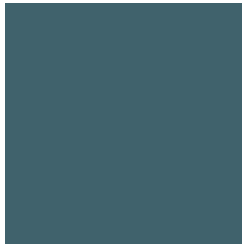
4.5521, 0.3852, 0.1896



23.0590, 0.3896, 0.1920

Previews

White Background



This preview shows how the Yxy color 10.9081, 0.2559, 0.3038 looks on a white 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

Black Background



This preview shows how the Yxy color 10.9081, 0.2559, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

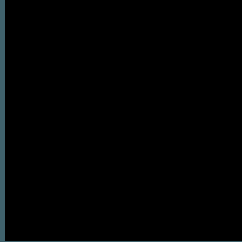
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9081, 0.2559, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 10.9081, 0.2559, 0.3038.



This preview shows how white text looks on a background with the Yxy color 10.9081, 0.2559, 0.3038.

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

10.9081, 0.2559, 0.3038

Protanopia

10.8779, 0.2943, 0.3009

Deuteranopia

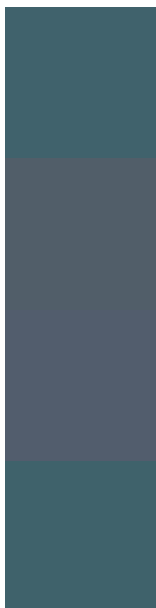
10.7653, 0.2891, 0.2833



Tritanopia

10.8327, 0.2569, 0.3086

Trichromacy



Original Color

10.9081, 0.2559, 0.3038

Protanomaly

10.7747, 0.2791, 0.3023

Deuteranomaly

10.7267, 0.2753, 0.2908

Tritanomaly

10.8537, 0.2559, 0.3062

Monochromacy



Original Color

10.9081, 0.2559, 0.3038

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2043, 0.2890, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9081, 0.2559, 0.3038 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(64, 98, 108) looks like.

```
.text, #text, p{  
    color:rgb(64, 98, 108)  
}
```

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(64, 98, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 98, 108) }
```

Border

The CSS property to change the border of an element to Yxy 10.9081, 0.2559, 0.3038 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(64, 98, 108) }
```

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

```
.border{ border-color:rgb(64, 98, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 98, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 98, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 98, 108);  
box-shadow:4px 4px 4px 4px rgb(64, 98,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9081, 0.2559, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 98, 108) }
```

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

```
.background{ background-color: rgb(64, 98,  
108) }
```

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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