

Converting Colors

$Y_{xy}(10.9261, 0.2478, 0.2791)$

Have a look what the booklet for
Yxy(10.9261, 0.2478, 0.2791)
contains.

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Color

Yxy(10.9920, 0.2485, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	426175
RGB	66, 97, 117
RGB Percent	26%, 38%, 46%
CMY	0.7412, 0.6196, 0.5412
CMYK	0.44, 0.17, 0.00, 0.54
HSL	204°, 28%, 36%
HSV	204°, 44%, 46%
XYZ	9.7311, 10.9920, 18.4362
YIQ	90.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

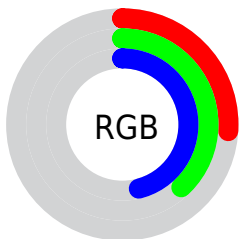
Format	Color
R_{YB}	66, 85, 117
Decimal	4350325
CIE _{Lab}	39.57, -5.61, -14.84
CIE _{LCh}	40, 15.864, 249.308
Yxy	10.9920, 0.2485, 0.2807
Android (android.graphics.Color)	4282540405 (0xFF426175)
YUV	90.0110, 13.3056, -21.0576
Hunter-Lab	33.1542, -5.6284, -9.7617

Details

The Yxy color **10.9920, 0.2485, 0.2807** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8255, 0.4002, 0.3721**, and the grayscale version is **10.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7574, 0.2646, 0.2944**, and **2.9075, 0.2161, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **9.8040, 0.2348, 0.2673**, and if you desaturate by 10%, it is **12.3130, 0.2630, 0.2934**.

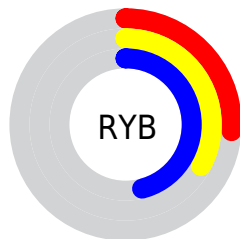
Distribution



Red (26%)

Green (38%)

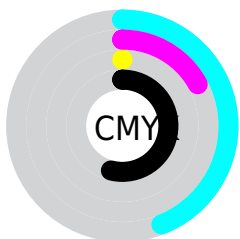
Blue (46%)



Red (26%)

Yellow (33%)

Blue (46%)

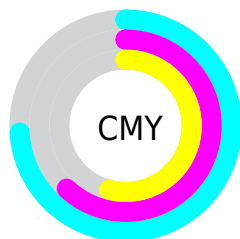


Cyan (44%)

Magenta (17%)

Yellow (0%)

Black (54%)



Cyan (74%)

Magenta (62%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9920, 0.2485, 0.2807 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 10.9920, 0.2485, 0.2807 by changing the saturation by 10% instead.

■ 10.9920, 0.2485,
0.2807

■ 10.9920, 0.2485,
0.2807

■ 197.6127, 0.2874,
0.3107

■ 6.0615, 0.2354,
0.2702

■ 27.6454, 0.2648,
0.2935

■ 2.8825, 0.2159,
0.2541

■ 40.1370, 0.2702,
0.2977

■ 1.0707, 0.1842,
0.2266

■ 55.9178, 0.2745,
0.3010

■ 0.0000, 0.0000,
0.0000

■ 75.3721, 0.2781,
0.3037

■ 98.8843, 0.2810,
0.3059

126.8389, 0.2835,

0.3077

159.6202, 0.2856,
0.3093

■ 10.9920, 0.2485,
0.2807

■ 10.9920, 0.2485,
0.2807

■ 9.8040, 0.2348,
0.2673

■ 12.3130, 0.2630,
0.2934

■ 8.7417, 0.2221,
0.2532

■ 13.7711, 0.2778,
0.3051

■ 7.7992, 0.2108,
0.2388

■ 15.3719, 0.2927,
0.3159

■ 6.9690, 0.2013,
0.2243

■ 17.1202, 0.3075,
0.3257

■ 6.2415, 0.1937,
0.2099

■ 19.0205, 0.3219,
0.3345

■ 5.8100, 0.1891,
0.2007

■ 21.0772, 0.3357,
0.3424

■ 23.2944, 0.3490,
0.3495

■ 25.6761, 0.3616,
0.3557

■ 28.2260, 0.3735,
0.3612

Harmonies

Analogous

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



10.9920, 0.2474, 0.3048



10.9920, 0.2485, 0.2807



10.9920, 0.2655, 0.2706

Triad

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



10.9920, 0.2485, 0.2807



10.9920, 0.3645, 0.3172



10.9920, 0.3268, 0.3910

Complementary

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



10.9920, 0.2485, 0.2807



10.8255, 0.4002, 0.3721

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.



10.9920, 0.3598, 0.3910



10.9920, 0.2485, 0.2807



10.9920, 0.3827, 0.3466

Square

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



10.9920, 0.2485, 0.2807



10.9920, 0.3319, 0.2916



10.9920, 0.3807, 0.3737



10.9920, 0.2913, 0.3713

Rectangle

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



10.9920, 0.2485, 0.2807



10.9920, 0.2844, 0.2719



10.9920, 0.3807, 0.3737



10.9920, 0.3386, 0.3932

Sweetspot

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



10.9924, 0.2485, 0.2807



27.6094, 0.2931, 0.3162



14.5432, 0.2869, 0.4064



6.2241, 0.2904, 0.3143



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.9924, 0.2485, 0.2807



17.6100, 0.2351, 0.2676



7.0682, 0.2382, 0.2167



3.9258, 0.2995, 0.3205



6.3716, 0.1889, 0.2001



29.3465, 0.1869, 0.1926

Inverse Universe

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



8.5391, 0.3538, 0.2641



12.9963, 0.3670, 0.2504



15.5527, 0.3788, 0.4206



3.7348, 0.3190, 0.3162



4.6672, 0.4452, 0.2226



22.5719, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 10.9920, 0.2485, 0.2807 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 10.9920, 0.2485, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

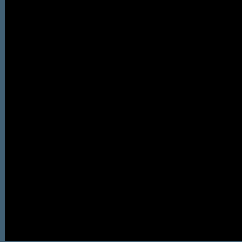
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

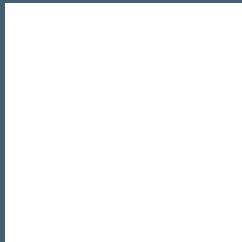
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.9920, 0.2485, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 10.9920, 0.2485, 0.2807.

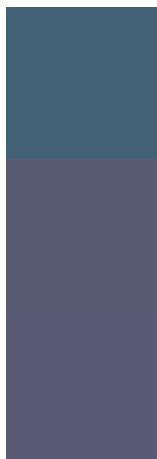


This preview shows how white text looks on a background with the Yxy color 10.9920, 0.2485, 0.2807.

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

10.9920, 0.2485, 0.2807

Protanopia

10.9439, 0.2771, 0.2785

Deuteranopia

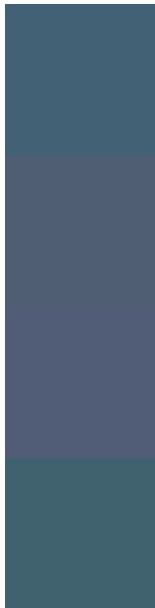
10.9140, 0.2735, 0.2681



Tritanopia

11.0420, 0.2563, 0.3087

Trichromacy



Original Color

10.9920, 0.2485, 0.2807

Protanomaly

10.9487, 0.2659, 0.2797

Deuteranomaly

10.8860, 0.2635, 0.2712

Tritanomaly

10.9731, 0.2528, 0.2967

Monochromacy



Original Color

10.9920, 0.2485, 0.2807

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.4981, 0.2852, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9920, 0.2485, 0.2807 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(66, 97, 117) looks like.

```
.text, #text, p{  
    color:rgb(66, 97, 117)  
}
```

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(66, 97, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 97, 117) }
```

Border

The CSS property to change the border of an element to Yxy 10.9920, 0.2485, 0.2807 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(66, 97, 117) }
```

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

```
.border{ border-color:rgb(66, 97, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 97, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 97, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 97, 117);  
box-shadow:4px 4px 4px 4px rgb(66, 97,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9920, 0.2485, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 97, 117) }
```

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

```
.background{ background-color: rgb(66, 97,  
117) }
```

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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