

Converting Colors

$Y_{xy}(11.2545, 0.2584, 0.2615)$

Have a look what the booklet for
Yxy(11.2545, 0.2584, 0.2615)
contains.

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Color

Yxy(11.2545, 0.2584, 0.2615)

Conversions

Conversions Part 1

Format	Color
Hex	525E7C
RGB	82, 94, 124
RGB Percent	32%, 37%, 49%
CMY	0.6785, 0.6314, 0.5136
CMYK	0.34, 0.24, 0.00, 0.51
HSL	223°, 20%, 40%
HSV	223°, 34%, 49%
XYZ	11.1211, 11.2545, 20.6627
YIQ	93.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

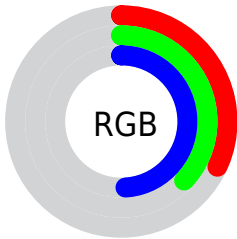
Format	Color
R_{YB}	82, 91, 124
Decimal	5398140
CIE _{Lab}	40.01, 3.15, -18.37
CIE _{LCh}	40, 18.637, 279.726
Yxy	11.2545, 0.2584, 0.2615
Android (android.graphics.Color)	4283588220 (0xFF525E7C)
YUV	93.8320, 14.8728, -10.3767
Hunter-Lab	33.5477, 0.4643, -13.0344

Details

The Yxy color **11.2545, 0.2584, 0.2615** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.4878, 0.3682, 0.3883**, and the grayscale version is **11.1191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1074, 0.2724, 0.2776**, and **2.9792, 0.2310, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **9.2621, 0.2407, 0.2373**, and if you desaturate by 10%, it is **13.5292, 0.2756, 0.2839**.

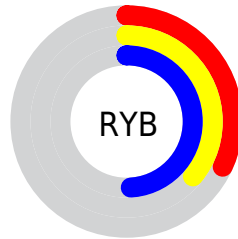
Distribution



Red (32%)

Green (37%)

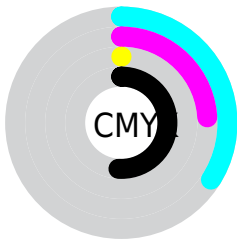
Blue (49%)



Red (32%)

Yellow (36%)

Blue (49%)

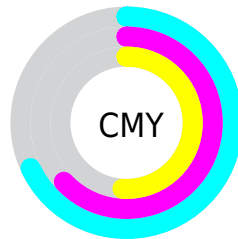


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (68%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2545, 0.2584, 0.2615 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 11.2545, 0.2584, 0.2615 by changing the saturation by 10% instead.

■ 11.2545, 0.2584,
0.2615

■ 11.2545, 0.2584,
0.2615

■ 199.4053, 0.2915,
0.3021

■ 6.2383, 0.2472,
0.2481

■ 28.1298, 0.2723,
0.2784

■ 2.9905, 0.2305,
0.2284

■ 40.7577, 0.2769,
0.2840

■ 1.1268, 0.2032,
0.1967

■ 56.6917, 0.2806,
0.2886

■ 0.0006, 0.0553,
0.0005

■ 76.3160, 0.2836,
0.2923

■ 0.0000, 0.0000,
0.0000

■ 100.0151, 0.2861,
0.2954

128.1735, 0.2882,

0.2980

161.1754, 0.2899,
0.3002

■ 11.2545, 0.2584,
0.2615

■ 11.2545, 0.2584,
0.2615

■ 9.2621, 0.2407,
0.2373

■ 13.5292, 0.2756,
0.2839

■ 7.5392, 0.2231,
0.2118

■ 16.0956, 0.2919,
0.3042

■ 6.0737, 0.2062,
0.1857

■ 18.9644, 0.3071,
0.3225

■ 4.8524, 0.1907,
0.1599

■ 22.1454, 0.3212,
0.3387

■ 3.8605, 0.1776,
0.1356

■ 25.6477, 0.3340,
0.3529

■ 3.0800, 0.1673,
0.1139

■ 29.4803, 0.3457,
0.3655

■ 2.6835, 0.1617,
0.1020

■ 33.6517, 0.3563,
0.3764

■ 38.1700, 0.3659,
0.3860

■ 43.0432, 0.3745,
0.3944

Harmonies

Analogous

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



11.2545, 0.2388, 0.2725



11.2545, 0.2584, 0.2615



11.2545, 0.2931, 0.2668

Triad

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



11.2545, 0.2584, 0.2615



11.2545, 0.3946, 0.3492



11.2545, 0.2870, 0.3783

Complementary

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



11.2545, 0.2584, 0.2615



16.4878, 0.3682, 0.3883

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.



11.2545, 0.3281, 0.4018



11.2545, 0.2584, 0.2615



11.2545, 0.3917, 0.3807

Square

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



11.2545, 0.2584, 0.2615



11.2545, 0.3736, 0.3154



11.2545, 0.3667, 0.4013



11.2545, 0.2542, 0.3392

Rectangle

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



11.2545, 0.2584, 0.2615



11.2545, 0.3211, 0.2784



11.2545, 0.3667, 0.4013



11.2545, 0.3003, 0.3886

Sweetspot

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



11.2549, 0.2584, 0.2615



30.0932, 0.2976, 0.3111



17.3716, 0.2786, 0.3563



6.9523, 0.2958, 0.3090



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.2549, 0.2584, 0.2615



16.9270, 0.2441, 0.2421



9.6831, 0.2664, 0.2364



4.0629, 0.2994, 0.3133



2.7229, 0.1616, 0.1019



11.7075, 0.1593, 0.0934

Inverse Universe

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



11.1286, 0.3657, 0.3048



16.8921, 0.3842, 0.2988



18.7172, 0.3502, 0.4126



4.0321, 0.3236, 0.3229



4.4817, 0.5730, 0.2930



21.2491, 0.5859, 0.3001

Previews

White Background



This preview shows how the Yxy color 11.2545, 0.2584, 0.2615 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 11.2545, 0.2584, 0.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

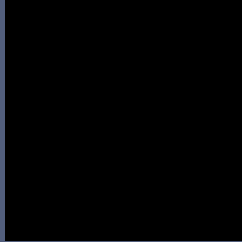
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

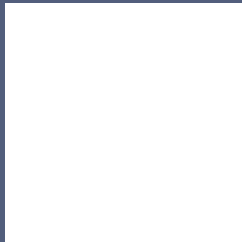
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.2545, 0.2584, 0.2615

Background



This preview shows how black text looks on a background with the Yxy color 11.2545, 0.2584, 0.2615.

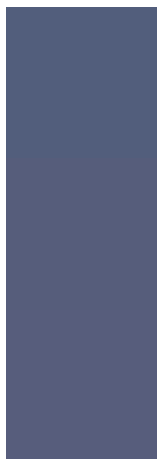


This preview shows how white text looks on a background with the Yxy color 11.2545, 0.2584, 0.2615.

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

11.2545, 0.2584, 0.2615

Protanopia

11.2372, 0.2642, 0.2621

Deuteranopia

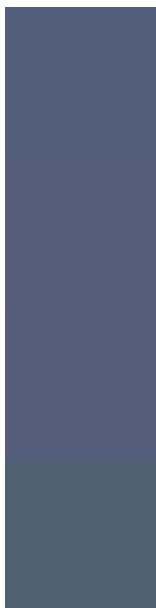
11.3102, 0.2643, 0.2604



Tritanopia

11.1890, 0.2757, 0.3095

Trichromacy



Original Color

11.2545, 0.2584, 0.2615

Protanomaly

11.1901, 0.2629, 0.2619

Deuteranomaly

11.2152, 0.2618, 0.2599

Tritanomaly

11.1979, 0.2685, 0.2910

Monochromacy



Original Color

11.2545, 0.2584, 0.2615

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1990, 0.2916, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2545, 0.2584, 0.2615 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(82, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(82, 94, 124)  
}
```

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(82, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 94, 124) }
```

Border

The CSS property to change the border of an element to Yxy 11.2545, 0.2584, 0.2615 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(82, 94, 124) }
```

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

```
.border{ border-color:rgb(82, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(82, 94,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2545, 0.2584, 0.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 94, 124) }
```

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

```
.background{ background-color: rgb(82, 94,  
124) }
```

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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