

Converting Colors

$Yxy(41.3857, 0.2541, 0.2652)$

Have a look what the booklet for
Yxy(41.3857, 0.2541, 0.2652)
contains.

Yxy(41.3857, 0.2541, 0.2652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3857, 0.2541, 0.2652)

Conversions

Conversions Part 1

Format	Color
Hex	8FAEDE
RGB	143, 174, 222
RGB Percent	56%, 68%, 87%
CMY	0.4391, 0.3177, 0.1294
CMYK	0.36, 0.22, 0.00, 0.13
HSL	216°, 54%, 72%
HSV	216°, 36%, 87%
XYZ	39.6535, 41.3857, 75.0155
YIQ	170.2030, -33.8840, 8.3560

Conversions

Conversions Part 2

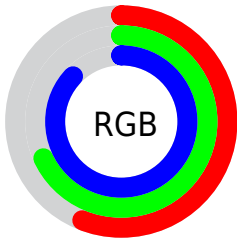
Format	Color
R_{YB}	143, 165, 222
Decimal	9416414
CIE Lab	70.45, 1.00, -27.60
CIE LCh	70, 27.616, 272.076
Yxy	41.3857, 0.2541, 0.2652
Android (android.graphics.Color)	4287606494 (0xFF8FAEDE)
YUV	170.2030, 25.5359, -23.8570
Hunter-Lab	64.3317, -2.5547, -24.1043

Details

The Yxy color **41.3857, 0.2541, 0.2652** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **54.7995, 0.3777, 0.3852**, and the grayscale version is **40.1914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4007, 0.2779, 0.3010**, and **18.8329, 0.2372, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **34.6418, 0.2367, 0.2433**, and if you desaturate by 10%, it is **49.0491, 0.2714, 0.2855**.

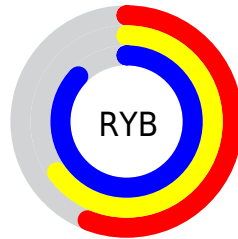
Distribution



Red (56%)

Green (68%)

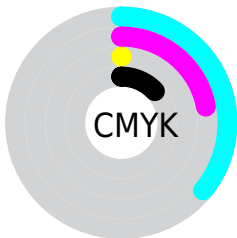
Blue (87%)



Red (56%)

Yellow (65%)

Blue (87%)

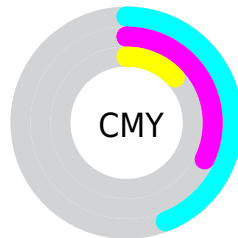


Cyan (36%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3857, 0.2541, 0.2652 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 41.3857, 0.2541, 0.2652 by changing the saturation by 10% instead.

■ 41.3857, 0.2541,
0.2652

■ 41.3857, 0.2541,
0.2652

351.9301, 0.2834,
0.2970

■ 28.6206, 0.2469,
0.2574

■ 77.2691, 0.2647,
0.2767

■ 18.7940, 0.2377,
0.2475

■ 101.1561, 0.2687,
0.2810

■ 11.5215, 0.2256,
0.2345

129.5192, 0.2721,
0.2847

■ 6.4188, 0.2092,
0.2168

162.7428, 0.2750,
0.2878

■ 3.1014, 0.1858,
0.1918

201.2113, 0.2775,
0.2906

■ 1.1849, 0.1506,
0.1543

245.3091, 0.2797,

■ 0.0493, 0.0285,

0.2930

0.0197

295.4205, 0.2817,
0.2951

0.0000, 0.0000,
0.0000

41.3857, 0.2541,
0.2652

41.3857, 0.2541,
0.2652

34.6418, 0.2367,
0.2433

49.0491, 0.2714,
0.2855

28.7738, 0.2199,
0.2202

57.6631, 0.2882,
0.3040

23.7416, 0.2041,
0.1965

67.2634, 0.3042,
0.3206

19.4992, 0.1902,
0.1730

77.8822, 0.3192,
0.3353

15.9950, 0.1788,
0.1506

89.5499, 0.3332,
0.3483

■ 13.1684, 0.1703,
0.1302

■ 98.0428, 0.3321,
0.3611

■ 12.0974, 0.1672,
0.1219

■ 98.0547, 0.3321,
0.3611

Harmonies

Analogous

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



41.3857, 0.2394, 0.2800



41.3857, 0.2541, 0.2652



41.3857, 0.2843, 0.2664

Triad

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



41.3857, 0.2541, 0.2652



41.3857, 0.3882, 0.3402



41.3857, 0.2978, 0.3839

Complementary

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



41.3857, 0.2541, 0.2652



54.7995, 0.3777, 0.3852

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.



41.3857, 0.3377, 0.4008



41.3857, 0.2541, 0.2652



41.3857, 0.3915, 0.3718

Square

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



41.3857, 0.2541, 0.2652



41.3857, 0.3630, 0.3082



41.3857, 0.3724, 0.3950



41.3857, 0.2633, 0.3490

Rectangle

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



41.3857, 0.2541, 0.2652



41.3857, 0.3103, 0.2753



41.3857, 0.3724, 0.3950



41.3857, 0.3110, 0.3920

Sweetspot

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



41.3873, 0.2541, 0.2652



84.6608, 0.2955, 0.3117



61.8291, 0.2801, 0.3701



17.7414, 0.2933, 0.3094



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.3873, 0.2541, 0.2652



49.3822, 0.2406, 0.2483



31.5011, 0.2544, 0.2241



14.1203, 0.2981, 0.3144



7.3863, 0.1679, 0.1246



0.6827, 0.1765, 0.1554

Inverse Universe

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



38.2417, 0.3640, 0.2925



45.2633, 0.3804, 0.2845



68.5484, 0.3599, 0.4192



13.7891, 0.3231, 0.3198



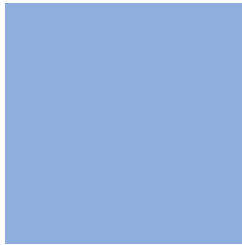
9.6537, 0.5402, 0.2749



0.6864, 0.4990, 0.2523

Previews

White Background



This preview shows how the Yxy color 41.3857, 0.2541, 0.2652 looks on a white background.

Color Contrast Check

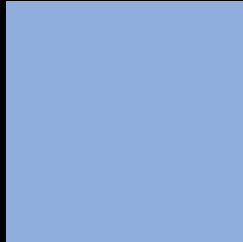
Large Text (above 18pt) WCAG AA × Fail

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 41.3857, 0.2541, 0.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

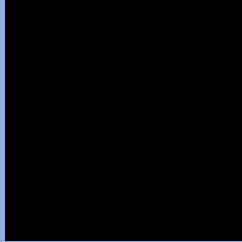
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

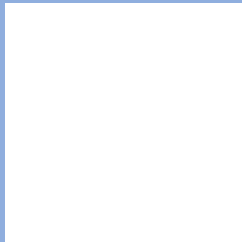
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3857, 0.2541, 0.2652

Background



This preview shows how black text looks on a background with the Yxy color 41.3857, 0.2541, 0.2652.



This preview shows how white text looks on a background with the Yxy color 41.3857, 0.2541, 0.2652.

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

41.3857, 0.2541, 0.2652

Protanopia

41.2349, 0.2666, 0.2652

Deuteranopia

41.2807, 0.2654, 0.2596



Tritanopia

41.3247, 0.2684, 0.3089

Trichromacy



Original Color

41.3857, 0.2541, 0.2652

Protanomaly

41.0654, 0.2617, 0.2646

Deuteranomaly

41.3236, 0.2606, 0.2613

Tritanomaly

41.2929, 0.2630, 0.2914

Monochromacy



Original Color

41.3857, 0.2541, 0.2652

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2735, 0.2888, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3857, 0.2541, 0.2652 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(143, 174, 222)` looks like.

```
.text, #text, p{  
    color:rgb(143, 174, 222)  
}
```

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(143, 174, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 174, 222) }
```

Border

The CSS property to change the border of an element to Yxy 41.3857, 0.2541, 0.2652 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(143, 174, 222) }
```

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

```
.border{ border-color:rgb(143, 174, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 174, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 174, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 174, 222); box-shadow:4px 4px 4px 4px rgb(143, 174, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3857, 0.2541, 0.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 174, 222) }
```

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

```
.background{ background-color: rgb(143,  
174, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor