

Converting Colors

$Y_{xy}(41.7309, 0.2759, 0.3145)$

Have a look what the booklet for
Yxy(41.7309, 0.2759, 0.3145)
contains.

Yxy(41.7540, 0.2761, 0.3147)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.7540, 0.2761, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	8FB3BD
RGB	143, 179, 189
RGB Percent	56%, 70%, 74%
CMY	0.4393, 0.2980, 0.2587
CMYK	0.24, 0.05, 0.00, 0.26
HSL	193°, 26%, 65%
HSV	193°, 24%, 74%
XYZ	36.6326, 41.7540, 54.2921
YIQ	169.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

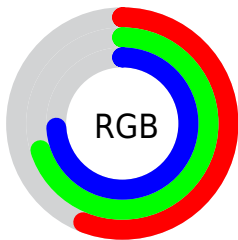
Format	Color
R_{YB}	143, 163, 189
Decimal	9417661
CIE _{Lab}	70.70, -9.84, -9.11
CIE _{LCh}	71, 13.411, 222.792
Yxy	41.7540, 0.2761, 0.3147
Android (android.graphics.Color)	4287607741 (0xFF8FB3BD)
YUV	169.3760, 9.6746, -23.1318
Hunter-Lab	64.6173, -11.8858, -4.5839

Details

The Yxy color **41.7540, 0.2761, 0.3147** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5897, 0.3597, 0.3428**, and the grayscale version is **39.8318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0150, 0.2833, 0.3181**, and **18.9234, 0.2649, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **38.5832, 0.2620, 0.3080**, and if you desaturate by 10%, it is **45.2617, 0.2909, 0.3210**.

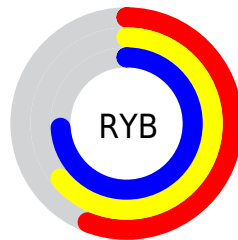
Distribution



Red (56%)

Green (70%)

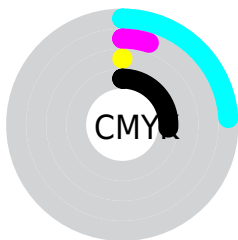
Blue (74%)



Red (56%)

Yellow (64%)

Blue (74%)

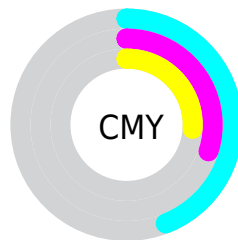


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7540, 0.2761, 0.3147 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 41.7540, 0.2761, 0.3147 by changing the saturation by 10% instead.

■ 41.7540, 0.2761,
0.3147

■ 41.7540, 0.2761,
0.3147

■ 353.4622, 0.2945,
0.3222

■ 28.9087, 0.2715,
0.3127

■ 77.8272, 0.2828,
0.3175

■ 19.0118, 0.2655,
0.3101

■ 101.8239, 0.2853,
0.3185

■ 11.6788, 0.2575,
0.3065

■ 130.3065, 0.2875,
0.3194

■ 6.5254, 0.2463,
0.3012

■ 163.6594, 0.2893,
0.3201

■ 3.1671, 0.2296,
0.2929

■ 202.2670, 0.2909,
0.3208

■ 1.2196, 0.2020,
0.2779

■ 246.5138, 0.2922,

■ 0.0776, 0.0000,

0.3213

0.0971

296.7840, 0.2935,
0.3218

0.0000, 0.0000,
0.0000

41.7540, 0.2761,
0.3147

41.7540, 0.2761,
0.3147

38.5832, 0.2620,
0.3080

45.2617, 0.2909,
0.3210

35.7295, 0.2488,
0.3008

49.1150, 0.3061,
0.3267

33.1788, 0.2369,
0.2933

53.3282, 0.3213,
0.3319

30.9136, 0.2266,
0.2855

57.9135, 0.3364,
0.3365

28.9143, 0.2182,
0.2775

62.8825, 0.3512,
0.3406

■ 27.1584, 0.2116,
0.2695

■ 67.9803, 0.3644,
0.3443

■ 25.6188, 0.2069,
0.2616

■ 69.9592, 0.3634,
0.3485

■ 24.8160, 0.2048,
0.2572

■ 71.9902, 0.3623,
0.3527

■ 74.0737, 0.3613,
0.3568

Harmonies

Analogous

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



41.7540, 0.2838, 0.3323



41.7540, 0.2761, 0.3147



41.7540, 0.2778, 0.3018

Triad

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



41.7540, 0.2761, 0.3147



41.7540, 0.3256, 0.3097



41.7540, 0.3368, 0.3629

Complementary

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



41.7540, 0.2761, 0.3147



35.5897, 0.3597, 0.3428

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.



41.7540, 0.3487, 0.3555



41.7540, 0.2761, 0.3147



41.7540, 0.3422, 0.3248

Square

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



41.7540, 0.2761, 0.3147



41.7540, 0.3059, 0.2994



41.7540, 0.3508, 0.3414



41.7540, 0.3186, 0.3610

Rectangle

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



41.7540, 0.2761, 0.3147



41.7540, 0.2840, 0.2973



41.7540, 0.3508, 0.3414



41.7540, 0.3417, 0.3614

Sweetspot

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



41.7557, 0.2761, 0.3147



85.9707, 0.3019, 0.3252



44.5462, 0.3023, 0.3818



18.3973, 0.3010, 0.3248



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.7557, 0.2761, 0.3147



71.7850, 0.2688, 0.3113



33.2986, 0.2733, 0.2808



10.4474, 0.2985, 0.3239



16.8059, 0.2051, 0.2582



0.7475, 0.2103, 0.2770

Inverse Universe

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



33.7157, 0.3252, 0.2815



55.2508, 0.3284, 0.2713



43.8505, 0.3527, 0.3729



9.6597, 0.3170, 0.3112



8.7263, 0.3841, 0.1890



0.3508, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 41.7540, 0.2761, 0.3147 looks on a white background.

Color Contrast Check

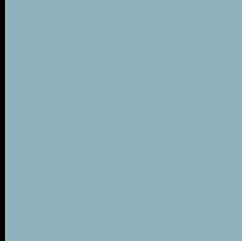
Large Text (above 18pt) WCAG AA × Fail

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 41.7540, 0.2761, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

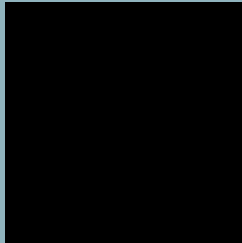
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

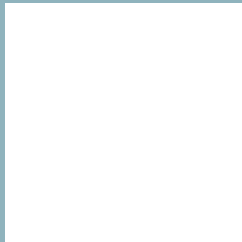
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7540, 0.2761, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 41.7540, 0.2761, 0.3147.



This preview shows how white text looks on a background with the Yxy color 41.7540, 0.2761, 0.3147.

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

41.7540, 0.2761, 0.3147

Protanopia

41.3572, 0.3029, 0.3114

Deuteranopia

41.5906, 0.3052, 0.2989



Tritanopia

41.6203, 0.2740, 0.3078

Trichromacy



Original Color

41.7540, 0.2761, 0.3147

Protanomaly

41.3943, 0.2921, 0.3124

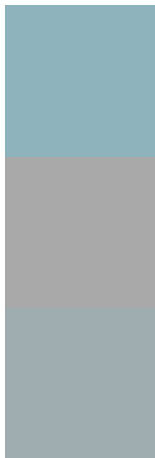
Deuteranomaly

41.4382, 0.2939, 0.3046

Tritanomaly

41.5759, 0.2747, 0.3092

Monochromacy



Original Color

41.7540, 0.2761, 0.3147

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4953, 0.2989, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7540, 0.2761, 0.3147 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, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 189)  
}
```

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, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.7540, 0.2761, 0.3147 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, 179, 189) }
```

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

```
.border{ border-color:rgb(143, 179, 189) }
```

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

Here you see how a box with a 4 pixel rgb(143, 179, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7540, 0.2761, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 189) }
```

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

```
.background{ background-color: rgb(143,  
179, 189) }
```

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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