

Converting Colors

$Y_{xy}(42.7625, 0.2843, 0.3261)$

Have a look what the booklet for
Yxy(42.7625, 0.2843, 0.3261)
contains.

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Color

Yxy(42.7625, 0.2843, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	94B5B7
RGB	148, 181, 183
RGB Percent	58%, 71%, 72%
CMY	0.4197, 0.2902, 0.2823
CMYK	0.19, 0.01, 0.00, 0.28
HSL	183°, 20%, 65%
HSV	183°, 19%, 72%
XYZ	37.2811, 42.7625, 51.0895
YIQ	171.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

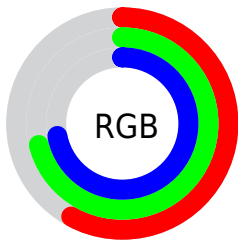
Format	Color
RYB	148, 165, 183
Decimal	9745847
CIELab	71.39, -10.69, -4.73
CIElCh	71, 11.693, 203.886
Yxy	42.7625, 0.2843, 0.3261
Android (android.graphics.Color)	4287935927 (0xFF94B5B7)
YUV	171.3610, 5.7380, -20.4876
Hunter-Lab	65.3930, -12.6734, -0.5462

Details

The Yxy color **42.7625, 0.2843, 0.3261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0099, 0.3491, 0.3319**, and the grayscale version is **40.8930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4969, 0.2898, 0.3268**, and **19.5914, 0.2766, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **40.7685, 0.2707, 0.3244**, and if you desaturate by 10%, it is **45.0329, 0.2988, 0.3277**.

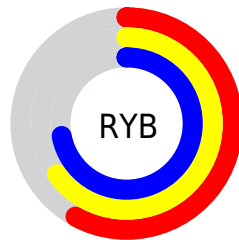
Distribution



Red (58%)

Green (71%)

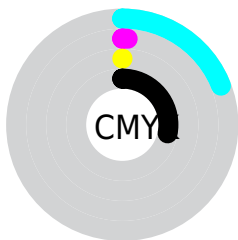
Blue (72%)



Red (58%)

Yellow (65%)

Blue (72%)

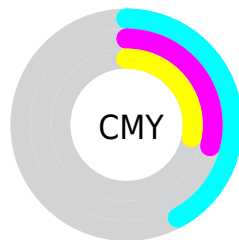


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (42%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7625, 0.2843, 0.3261 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 42.7625, 0.2843, 0.3261 by changing the saturation by 10% instead.


 42.7625, 0.2843,
0.3261

 42.7625, 0.2843,
0.3261


357.6341, 0.2986,
0.3277

 29.6988, 0.2807,
0.3256


 79.3523, 0.2895,
0.3267

 19.6101, 0.2761,
0.3250


 103.6473, 0.2915,
0.3270

 12.1119, 0.2698,
0.3241


132.4548, 0.2931,
0.3271

 6.8200, 0.2611,
0.3228

166.1592, 0.2945,
0.3273

 3.3498, 0.2479,
0.3205

205.1449, 0.2958,
0.3274

 1.3169, 0.2259,
0.3159

249.7964, 0.2968,

 0.1543, 0.0000,

0.3275

0.2362

300.4980, 0.2978,
0.3276

0.0000, 0.0000,
0.0000

42.7625, 0.2843,
0.3261

42.7625, 0.2843,
0.3261

40.7685, 0.2707,
0.3244

45.0329, 0.2988,
0.3277

39.0331, 0.2584,
0.3226

47.5864, 0.3140,
0.3291

37.5443, 0.2475,
0.3208

50.4358, 0.3296,
0.3304

36.2872, 0.2384,
0.3189

53.5915, 0.3453,
0.3316

35.2452, 0.2311,
0.3170

57.0637, 0.3609,
0.3327

■ 34.3996, 0.2256,
0.3151

■ 60.3303, 0.3739,
0.3336

■ 33.7282, 0.2221,
0.3132

■ 60.7748, 0.3736,
0.3347

■ 33.1907, 0.2199,
0.3113

■ 61.2226, 0.3733,
0.3358

■ 33.1461, 0.2198,
0.3112

■ 61.6736, 0.3730,
0.3369

Harmonies

Analogous

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



42.7625, 0.2956, 0.3416



42.7625, 0.2843, 0.3261



42.7625, 0.2805, 0.3119

Triad

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



42.7625, 0.2843, 0.3261



42.7625, 0.3132, 0.3059



42.7625, 0.3409, 0.3552

Complementary

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



42.7625, 0.2843, 0.3261



34.0099, 0.3491, 0.3319

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.



42.7625, 0.3460, 0.3448



42.7625, 0.2843, 0.3261



42.7625, 0.3298, 0.3167

Square

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



42.7625, 0.2843, 0.3261



42.7625, 0.2968, 0.3008



42.7625, 0.3419, 0.3308



42.7625, 0.3282, 0.3587

Rectangle

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



42.7625, 0.2843, 0.3261



42.7625, 0.2826, 0.3052



42.7625, 0.3419, 0.3308



42.7625, 0.3436, 0.3523

Sweetspot

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



42.7643, 0.2843, 0.3261



81.9854, 0.3034, 0.3281



42.3555, 0.3090, 0.3779



18.0443, 0.3024, 0.3280



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.7643, 0.2843, 0.3261



75.0130, 0.2784, 0.3254



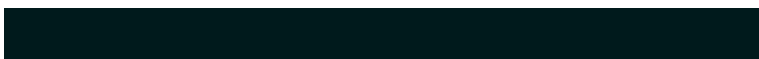
36.1713, 0.2829, 0.3011



10.1206, 0.2985, 0.3276



23.1571, 0.2198, 0.3114



0.8431, 0.2212, 0.3162

Inverse Universe

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



34.5780, 0.3168, 0.2848



57.6779, 0.3178, 0.2748



39.9316, 0.3448, 0.3554



9.1537, 0.3146, 0.3077



9.1201, 0.3355, 0.1622



0.3242, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 42.7625, 0.2843, 0.3261 looks on a white background.

Color Contrast Check

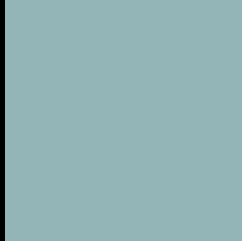
Large Text (above 18pt) WCAG AA × Fail

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 42.7625, 0.2843, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

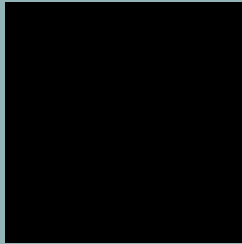
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

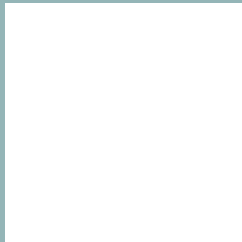
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7625, 0.2843, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 42.7625, 0.2843, 0.3261.



This preview shows how white text looks on a background with the Yxy color 42.7625, 0.2843, 0.3261.

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

42.7625, 0.2843, 0.3261

Protanopia

42.3719, 0.3104, 0.3209

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.6193, 0.2779, 0.3082

Trichromacy



Original Color

42.7625, 0.2843, 0.3261

Protanomaly

42.4529, 0.3009, 0.3235

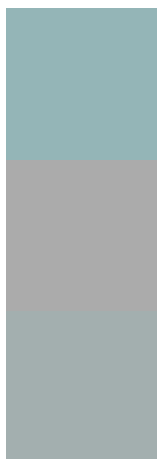
Deuteranomaly

42.1185, 0.3029, 0.3142

Tritanomaly

42.7498, 0.2801, 0.3150

Monochromacy



Original Color

42.7625, 0.2843, 0.3261

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5416, 0.3023, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7625, 0.2843, 0.3261 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(148, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 183)  
}
```

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(148, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.7625, 0.2843, 0.3261 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(148, 181, 183) }
```

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

```
.border{ border-color:rgb(148, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7625, 0.2843, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 183) }
```

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

```
.background{ background-color: rgb(148,  
181, 183) }
```

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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