

Converting Colors

Yxy(46.9640, 0.2756, 0.3146)

Have a look what the booklet for
Yxy(46.9640, 0.2756, 0.3146)
contains.

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Color

Yxy(47.0027, 0.2757, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	96BDC7
RGB	150, 189, 199
RGB Percent	59%, 74%, 78%
CMY	0.4117, 0.2588, 0.2196
CMYK	0.25, 0.05, 0.00, 0.22
HSL	192°, 30%, 68%
HSV	192°, 25%, 78%
XYZ	41.0864, 47.0027, 60.9366
YIQ	178.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

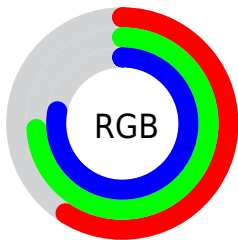
Format	Color
RYB	150, 172, 199
Decimal	9878983
CIELab	74.19, -10.70, -9.31
CIELCh	74, 14.186, 221.040
Yxy	47.0027, 0.2757, 0.3154
Android (android.graphics.Color)	4288069063 (0xFF96BDC7)
YUV	178.4790, 10.1169, -24.9761
Hunter-Lab	68.5585, -13.0043, -4.7075

Details

The Yxy color **47.0027, 0.2757, 0.3154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4926, 0.3607, 0.3422**, and the grayscale version is **44.7465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5040, 0.2826, 0.3185**, and **22.2493, 0.2659, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **43.5508, 0.2616, 0.3091**, and if you desaturate by 10%, it is **50.8279, 0.2905, 0.3213**.

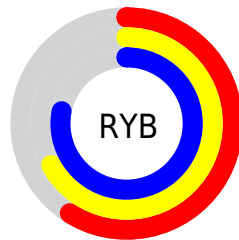
Distribution



Red (59%)

Green (74%)

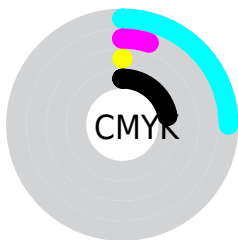
Blue (78%)



Red (59%)

Yellow (67%)

Blue (78%)

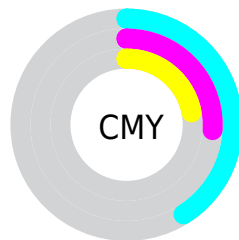


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (41%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0027, 0.2757, 0.3154 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 47.0027, 0.2757, 0.3154 by changing the saturation by 10% instead.

 47.0027, 0.2757,
0.3154


 47.0027, 0.2757,
0.3154


374.8253, 0.2940,
0.3224

 33.0378, 0.2712,
0.3136


 85.7177, 0.2823,
0.3180

 22.1554, 0.2655,
0.3112


 111.2365, 0.2848,
0.3190

 13.9711, 0.2580,
0.3080


141.3754, 0.2869,
0.3198

 8.1006, 0.2477,
0.3034

176.5188, 0.2887,
0.3205

 4.1594, 0.2326,
0.2963

217.0511, 0.2903,
0.3211

 1.7631, 0.2088,
0.2842

263.3567, 0.2917,

 0.4640, 0.0992,

0.3216

0.2559

315.8200, 0.2929,
0.3220

0.0000, 0.0000,
0.0000

47.0027, 0.2757,
0.3154

47.0027, 0.2757,
0.3154

43.5508, 0.2616,
0.3091

50.8279, 0.2905,
0.3213

40.4500, 0.2486,
0.3023

55.0362, 0.3057,
0.3267

37.6841, 0.2369,
0.2952

59.6440, 0.3210,
0.3316

35.2334, 0.2269,
0.2879

64.6648, 0.3362,
0.3360

33.0756, 0.2186,
0.2805

70.1118, 0.3511,
0.3399

■ 31.1852, 0.2123,
0.2731

■ 73.1588, 0.3545,
0.3438

■ 29.5311, 0.2079,
0.2657

■ 75.2326, 0.3537,
0.3479

■ 28.7059, 0.2060,
0.2617

■ 77.3580, 0.3528,
0.3520

■ 79.5353, 0.3519,
0.3560

Harmonies

Analogous

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



47.0027, 0.2841, 0.3335



47.0027, 0.2757, 0.3154



47.0027, 0.2768, 0.3019

Triad

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



47.0027, 0.2757, 0.3154



47.0027, 0.3247, 0.3086



47.0027, 0.3381, 0.3633

Complementary

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



47.0027, 0.2757, 0.3154



39.4926, 0.3607, 0.3422

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.



47.0027, 0.3498, 0.3552



47.0027, 0.2757, 0.3154



47.0027, 0.3419, 0.3237

Square

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



47.0027, 0.2757, 0.3154



47.0027, 0.3046, 0.2985



47.0027, 0.3512, 0.3406



47.0027, 0.3199, 0.3619

Rectangle

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



47.0027, 0.2757, 0.3154



47.0027, 0.2828, 0.2970



47.0027, 0.3512, 0.3406



47.0027, 0.3430, 0.3616

Sweetspot

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



47.0046, 0.2757, 0.3154



94.4676, 0.3018, 0.3254



49.8629, 0.3027, 0.3838



20.1214, 0.3009, 0.3251



0.0000, 0.0000, 0.0000



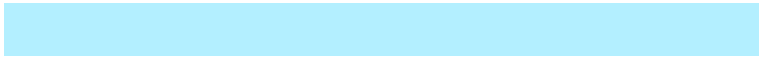
21.4041, 0.3127, 0.3290

Same Dimension

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



47.0046, 0.2757, 0.3154



78.7028, 0.2674, 0.3118



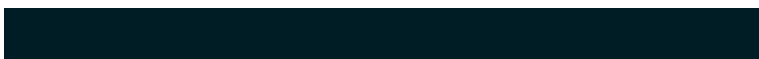
37.4171, 0.2728, 0.2812



11.6856, 0.2984, 0.3242



18.5869, 0.2063, 0.2627



0.9758, 0.2106, 0.2781

Inverse Universe

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



37.6357, 0.3248, 0.2800



59.5549, 0.3283, 0.2682



48.7518, 0.3536, 0.3726



10.7781, 0.3168, 0.3108



9.4163, 0.3798, 0.1866



0.4555, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 47.0027, 0.2757, 0.3154 looks on a white background.

Color Contrast Check

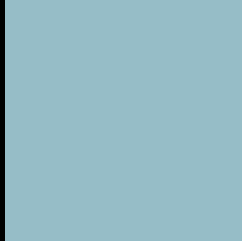
Large Text (above 18pt) WCAG AA × Fail

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 47.0027, 0.2757, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

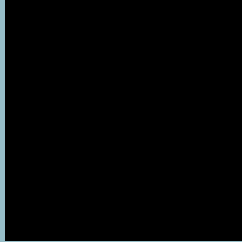
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

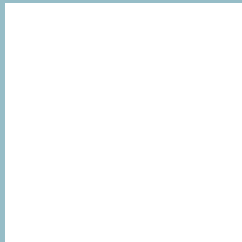
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0027, 0.2757, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 47.0027, 0.2757, 0.3154.

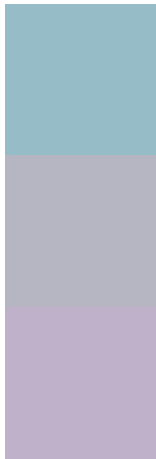


This preview shows how white text looks on a background with the Yxy color 47.0027, 0.2757, 0.3154.

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

47.0027, 0.2757, 0.3154

Protanopia

46.8879, 0.3034, 0.3123

Deuteranopia

46.7377, 0.3056, 0.2991



Tritanopia

46.8575, 0.2737, 0.3088

Trichromacy



Original Color

47.0027, 0.2757, 0.3154

Protanomaly

46.8125, 0.2923, 0.3132

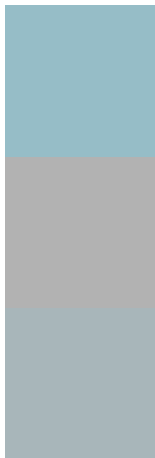
Deuteranomaly

46.4480, 0.2940, 0.3045

Tritanomaly

46.8100, 0.2743, 0.3101

Monochromacy



Original Color

47.0027, 0.2757, 0.3154

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3259, 0.2980, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0027, 0.2757, 0.3154 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(150, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 189, 199)  
}
```

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(150, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.0027, 0.2757, 0.3154 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(150, 189, 199) }
```

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

```
.border{ border-color:rgb(150, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 189,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0027, 0.2757, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 189, 199) }
```

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

```
.background{ background-color: rgb(150,  
189, 199) }
```

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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