

Converting Colors

$Y_{xy}(46.3300, 0.2741, 0.3269)$

Have a look what the booklet for
Yxy(46.3300, 0.2741, 0.3269)
contains.

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Color

Yxy(46.2954, 0.2741, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	8DBEC0
RGB	141, 190, 192
RGB Percent	55%, 75%, 75%
CMY	0.4470, 0.2549, 0.2470
CMYK	0.27, 0.01, 0.00, 0.25
HSL	182°, 29%, 65%
HSV	182°, 27%, 75%
XYZ	38.9131, 46.2954, 56.7584
YIQ	175.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

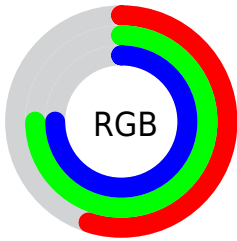
Format	Color
RYB	141, 166, 192
Decimal	9289408
CIELab	73.74, -15.53, -6.24
CIElCh	74, 16.735, 201.901
Yxy	46.2954, 0.2741, 0.3261
Android (android.graphics.Color)	4287479488 (0xFF8DBEC0)
YUV	175.5770, 8.0965, -30.3240
Hunter-Lab	68.0407, -16.9855, -1.8302

Details

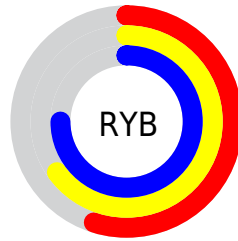
The Yxy color **46.2954, 0.2741, 0.3261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.7784, 0.3683, 0.3319**, and the grayscale version is **43.1546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4246, 0.2812, 0.3268**, and **21.8792, 0.2633, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **44.4312, 0.2615, 0.3249**, and if you desaturate by 10%, it is **48.4569, 0.2879, 0.3273**.

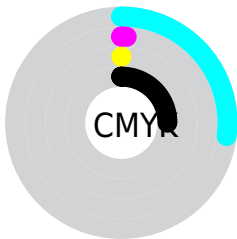
Distribution



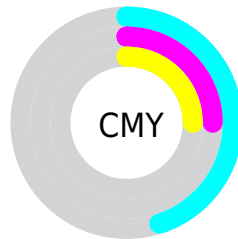
- Red (55%)
- Green (75%)
- Blue (75%)



- Red (55%)
- Yellow (65%)
- Blue (75%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)




- Cyan (45%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2954, 0.2741, 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 46.2954, 0.2741, 0.3261 by changing the saturation by 10% instead.

 46.2954, 0.2741,
0.3261

 46.2954, 0.2741,
0.3261


371.9950, 0.2932,
0.3278


 32.4790, 0.2694,
0.3256


 84.6609, 0.2810,
0.3268

 21.7276, 0.2634,
0.3249


 109.9788, 0.2836,
0.3270

 13.6569, 0.2554,
0.3239


 139.8993, 0.2858,
0.3272

 7.8824, 0.2445,
0.3223

174.8069, 0.2877,
0.3274

 4.0198, 0.2284,
0.3196

215.0858, 0.2894,
0.3275

 1.6846, 0.2028,
0.3143

261.1205, 0.2908,

 0.4137, 0.0108,

0.3276

0.3147

313.2955, 0.2921,
0.3277

0.0000, 0.0000,
0.0000

46.2954, 0.2741,
0.3261

46.2954, 0.2741,
0.3261

44.4312, 0.2615,
0.3249

48.4569, 0.2879,
0.3273

42.8435, 0.2504,
0.3236

50.9239, 0.3027,
0.3283

41.5178, 0.2410,
0.3223

53.7115, 0.3181,
0.3293

40.4361, 0.2335,
0.3210

56.8319, 0.3338,
0.3302

39.5777, 0.2278,
0.3197

60.2969, 0.3497,
0.3310

■ 38.9190, 0.2240,
0.3184

■ 63.8875, 0.3644,
0.3318

■ 38.4285, 0.2219,
0.3171

■ 64.2257, 0.3642,
0.3326

■ 38.2777, 0.2213,
0.3167

■ 64.5656, 0.3640,
0.3333

■ 64.9072, 0.3638,
0.3341

Harmonies

Analogous

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



46.2954, 0.2901, 0.3480



46.2954, 0.2741, 0.3261



46.2954, 0.2682, 0.3060

Triad

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



46.2954, 0.2741, 0.3261



46.2954, 0.3116, 0.2965



46.2954, 0.3529, 0.3645

Complementary

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



46.2954, 0.2741, 0.3261



32.7784, 0.3683, 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.



46.2954, 0.3594, 0.3494



46.2954, 0.2741, 0.3261



46.2954, 0.3350, 0.3108

Square

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



46.2954, 0.2741, 0.3261



46.2954, 0.2892, 0.2900



46.2954, 0.3528, 0.3298



46.2954, 0.3355, 0.3706

Rectangle

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



46.2954, 0.2741, 0.3261



46.2954, 0.2706, 0.2965



46.2954, 0.3528, 0.3298



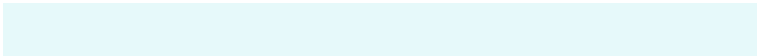
46.2954, 0.3564, 0.3603

Sweetspot

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



46.2973, 0.2741, 0.3261



91.5254, 0.3003, 0.3282



45.3402, 0.3080, 0.4016



19.4846, 0.2980, 0.3280



97.7402, 0.3127, 0.3290



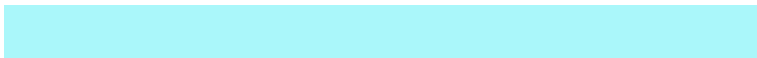
20.4902, 0.3127, 0.3290

Same Dimension

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



46.2973, 0.2741, 0.3261



81.8063, 0.2664, 0.3254



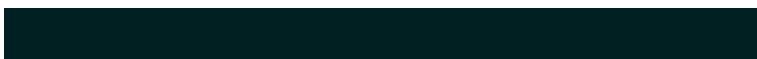
36.3094, 0.2707, 0.2897



11.3583, 0.2984, 0.3280



25.7820, 0.2213, 0.3168



1.1354, 0.2221, 0.3197

Inverse Universe

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



33.9761, 0.3177, 0.2661



55.7298, 0.3189, 0.2521



41.2122, 0.3598, 0.3653



10.2405, 0.3144, 0.3072



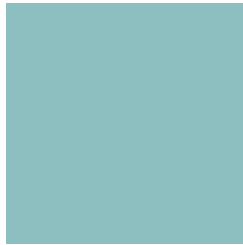
9.8849, 0.3309, 0.1596



0.4293, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 46.2954, 0.2741, 0.3261 looks on a white background.

Color Contrast Check

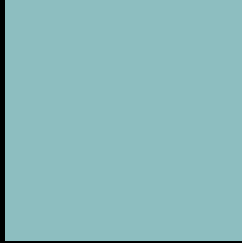
Large Text (above 18pt) WCAG AA × Fail

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 46.2954, 0.2741, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

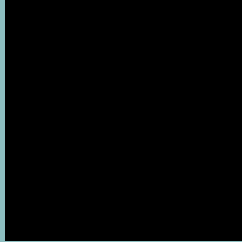
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

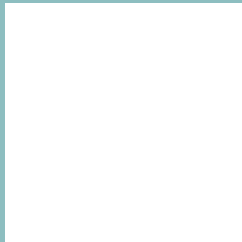
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2954, 0.2741, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 46.2954, 0.2741, 0.3261.



This preview shows how white text looks on a background with the Yxy color 46.2954, 0.2741, 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

46.2954, 0.2741, 0.3261

Protanopia

46.1328, 0.3097, 0.3212

Deuteranopia

45.8065, 0.3113, 0.3039



Tritanopia

46.1179, 0.2682, 0.3085

Trichromacy



Original Color

46.2954, 0.2741, 0.3261

Protanomaly

46.1273, 0.2957, 0.3236

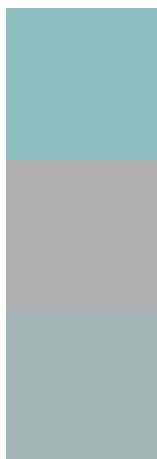
Deuteranomaly

45.4218, 0.2960, 0.3106

Tritanomaly

46.2695, 0.2702, 0.3152

Monochromacy



Original Color

46.2954, 0.2741, 0.3261

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.2117, 0.2969, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2954, 0.2741, 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(141, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 192)  
}
```

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(141, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.2954, 0.2741, 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(141, 190, 192) }
```

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

```
.border{ border-color:rgb(141, 190, 192) }
```

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

Here you see how a box with a 4 pixel rgb(141, 190, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 190,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2954, 0.2741, 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(141, 190, 192) }
```

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

```
.background{ background-color: rgb(141,  
190, 192) }
```

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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