

Converting Colors

$Y_{xy}(46.3723, 0.2689, 0.3197)$

Have a look what the booklet for
Yxy(46.3723, 0.2689, 0.3197)
contains.

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Color

Yxy(46.2614, 0.2689, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	8ABEC5
RGB	138, 190, 197
RGB Percent	54%, 75%, 77%
CMY	0.4588, 0.2549, 0.2275
CMYK	0.30, 0.04, 0.00, 0.23
HSL	187°, 34%, 66%
HSV	187°, 30%, 77%
XYZ	38.9715, 46.2614, 59.6963
YIQ	175.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

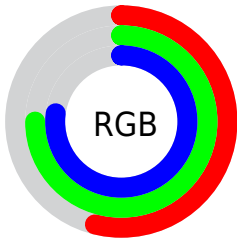
Format	Color
R _Y B	138, 166, 197
Decimal	9092805
CIE Lab	73.71, -15.25, -9.01
CIE LCh	74, 17.710, 210.582
Yxy	46.2614, 0.2689, 0.3192
Android (android.graphics.Color)	4287282885 (0xFF8ABEC5)
YUV	175.2500, 10.7228, -32.6682
Hunter-Lab	68.0157, -16.7511, -4.4269

Details

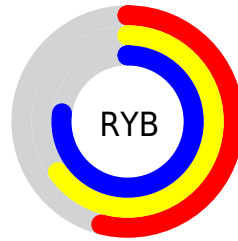
The Yxy color **46.2614, 0.2689, 0.3192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9517, 0.3762, 0.3385**, and the grayscale version is **42.9625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4047, 0.2765, 0.3204**, and **21.8058, 0.2568, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **43.7294, 0.2561, 0.3155**, and if you desaturate by 10%, it is **49.1181, 0.2828, 0.3227**.

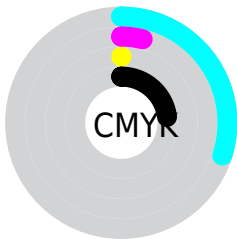
Distribution



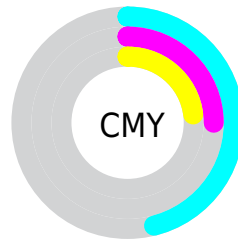
- Red (54%)
- Green (75%)
- Blue (77%)



- Red (54%)
- Yellow (65%)
- Blue (77%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)





- Cyan (46%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2614, 0.2689, 0.3192 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 46.2614, 0.2689, 0.3192 by changing the saturation by 10% instead.


 46.2614, 0.2689,
0.3192


 46.2614, 0.2689,
0.3192

371.8586, 0.2905,
0.3245


 32.4521, 0.2636,
0.3178


 84.6101, 0.2767,
0.3212

 21.7071, 0.2568,
0.3159


 109.9183, 0.2796,
0.3219

 13.6418, 0.2479,
0.3133


 139.8283, 0.2821,
0.3225

 7.8720, 0.2357,
0.3095

174.7244, 0.2843,
0.3230

 4.0131, 0.2180,
0.3034

214.9911, 0.2862,
0.3235

 1.6809, 0.1900,
0.2924

261.0128, 0.2878,

 0.4113, 0.0124,

0.3238

0.2720

313.1738, 0.2892,
0.3242

0.0000, 0.0000,
0.0000

46.2614, 0.2689,
0.3192

46.2614, 0.2689,
0.3192

43.7294, 0.2561,
0.3155

49.1181, 0.2828,
0.3227

41.4999, 0.2447,
0.3115

52.3091, 0.2975,
0.3260

39.5567, 0.2350,
0.3075

55.8507, 0.3128,
0.3290

37.8796, 0.2270,
0.3034

59.7564, 0.3283,
0.3317

36.4457, 0.2210,
0.2992

64.0387, 0.3438,
0.3342

■ 35.2278, 0.2169,
0.2951

■ 68.4827, 0.3581,
0.3364

■ 34.1742, 0.2142,
0.2911

■ 69.6009, 0.3576,
0.3388

■ 34.1691, 0.2142,
0.2910

■ 70.7358, 0.3571,
0.3411

■ 71.8875, 0.3566,
0.3435

Harmonies

Analogous

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



46.2614, 0.2830, 0.3427



46.2614, 0.2689, 0.3192



46.2614, 0.2661, 0.2998

Triad

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



46.2614, 0.2689, 0.3192



46.2614, 0.3189, 0.2983



46.2614, 0.3509, 0.3697

Complementary

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



46.2614, 0.2689, 0.3192



33.9517, 0.3762, 0.3385

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.



46.2614, 0.3615, 0.3558



46.2614, 0.2689, 0.3192



46.2614, 0.3427, 0.3152

Square

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



46.2614, 0.2689, 0.3192



46.2614, 0.2942, 0.2888



46.2614, 0.3586, 0.3359



46.2614, 0.3301, 0.3727

Rectangle

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



46.2614, 0.2689, 0.3192



46.2614, 0.2709, 0.2915



46.2614, 0.3586, 0.3359



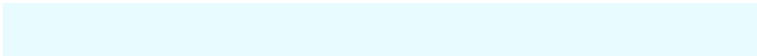
46.2614, 0.3558, 0.3660

Sweetspot

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



46.2633, 0.2689, 0.3192



94.1812, 0.2988, 0.3263



47.3748, 0.3040, 0.4051



19.9680, 0.2965, 0.3258



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.



46.2633, 0.2689, 0.3192



79.8021, 0.2603, 0.3168



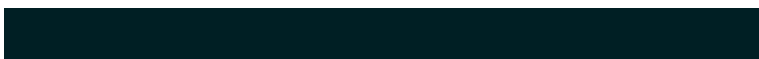
34.7886, 0.2642, 0.2765



11.8447, 0.2984, 0.3262



22.5557, 0.2143, 0.2916



1.1302, 0.2167, 0.3001

Inverse Universe

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



33.7635, 0.3229, 0.2633



54.0645, 0.3256, 0.2489



44.1239, 0.3652, 0.3763



10.7941, 0.3155, 0.3089



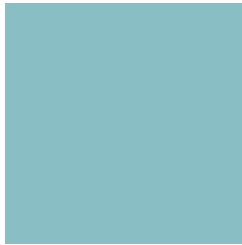
9.8170, 0.3529, 0.1718



0.4711, 0.3454, 0.1676

Previews

White Background



This preview shows how the Yxy color 46.2614, 0.2689, 0.3192 looks on a white background.

Color Contrast Check

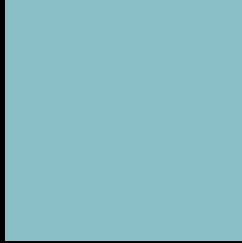
Large Text (above 18pt) WCAG AA × Fail

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 46.2614, 0.2689, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

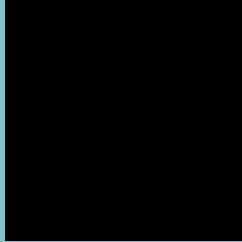
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

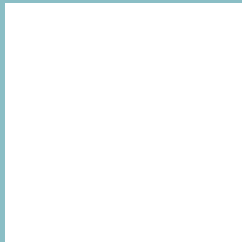
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2614, 0.2689, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 46.2614, 0.2689, 0.3192.

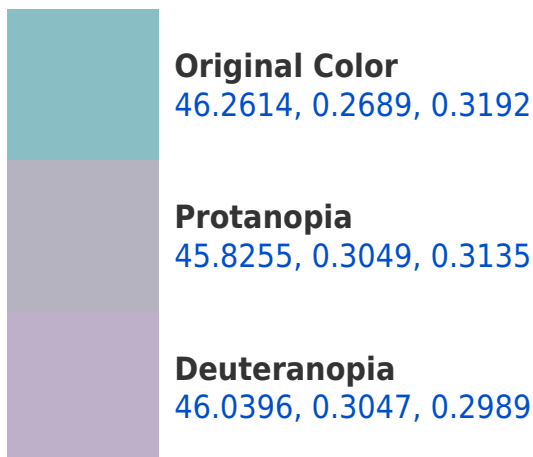


This preview shows how white text looks on a background with the Yxy color 46.2614, 0.2689, 0.3192.

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





Tritanopia

46.3303, 0.2657, 0.3084

Trichromacy



Original Color

46.2614, 0.2689, 0.3192

Protanomaly

45.7166, 0.2905, 0.3156

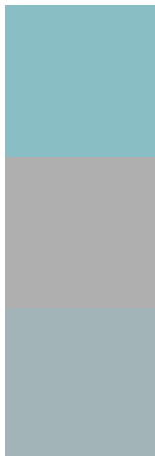
Deuteranomaly

45.7173, 0.2900, 0.3054

Tritanomaly

46.1012, 0.2669, 0.3124

Monochromacy



Original Color

46.2614, 0.2689, 0.3192

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.7428, 0.2953, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2614, 0.2689, 0.3192 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(138, 190, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 190, 197)  
}
```

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(138, 190, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 190, 197) }
```

Border

The CSS property to change the border of an element to Yxy 46.2614, 0.2689, 0.3192 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(138, 190, 197) }
```

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

```
.border{ border-color:rgb(138, 190, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 190, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 190, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 190, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 190,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2614, 0.2689, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 190, 197) }
```

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

```
.background{ background-color: rgb(138,  
190, 197) }
```

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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