

Converting Colors

$Yxy(46.7477, 0.2796, 0.3289)$

Have a look what the booklet for
Yxy(46.7477, 0.2796, 0.3289)
contains.

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Color

Yxy(46.7477, 0.2796, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	93BEBE
RGB	147, 190, 190
RGB Percent	58%, 75%, 75%
CMY	0.4235, 0.2549, 0.2549
CMYK	0.23, 0.00, 0.00, 0.25
HSL	180°, 25%, 66%
HSV	180°, 23%, 75%
XYZ	39.7405, 46.7477, 55.6453
YIQ	177.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

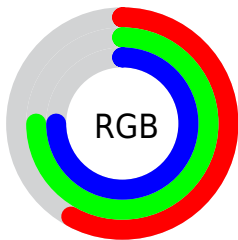
Format	Color
RYB	147, 169, 190
Decimal	9682622
CIELab	74.03, -14.17, -4.68
CIELCh	74, 14.923, 198.280
Yxy	46.7477, 0.2796, 0.3289
Android (android.graphics.Color)	4287872702 (0xFF93BEBE)
YUV	177.1430, 6.3385, -26.4354
Hunter-Lab	68.3723, -15.9007, -0.3930

Details

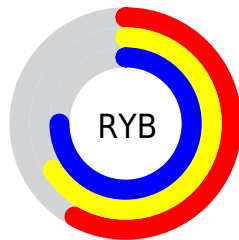
The Yxy color $46.7477, 0.2796, 0.3289$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.9223, 0.3584, 0.3291$, and the grayscale version is $44.0227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.1219, 0.2857, 0.3289$, and $22.1304, 0.2702, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $45.1357, 0.2668, 0.3289$, and if you desaturate by 10%, it is $48.6536, 0.2937, 0.3289$.

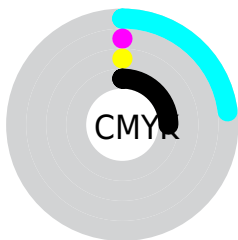
Distribution



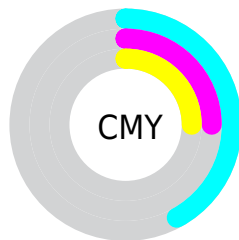
- Red (58%)
- Green (75%)
- Blue (75%)



- Red (58%)
- Yellow (66%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)




- Cyan (42%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7477, 0.2796, 0.3289 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 46.7477, 0.2796, 0.3289 by changing the saturation by 10% instead.


 46.7477, 0.2796,
0.3289

 46.7477, 0.2796,
0.3289

373.8066, 0.2960,
0.3291

 32.8362, 0.2755,
0.3288


 85.3369, 0.2855,
0.3290

 22.0010, 0.2704,
0.3286


 110.7834, 0.2878,
0.3291

 13.8577, 0.2635,
0.3283


140.8438, 0.2897,
0.3291

 8.0217, 0.2541,
0.3278

175.9023, 0.2913,
0.3291

 4.1089, 0.2401,
0.3267

216.3435, 0.2927,
0.3291

 1.7346, 0.2177,
0.3244

262.5517, 0.2939,

 0.4459, 0.0583,

0.3291

0.3336

314.9112, 0.2950,
0.3291

0.0000, 0.0000,
0.0000

46.7477, 0.2796,
0.3289

46.7477, 0.2796,
0.3289

45.1357, 0.2668,
0.3289

48.6536, 0.2937,
0.3289

43.7977, 0.2554,
0.3288

50.8610, 0.3087,
0.3290

42.7201, 0.2457,
0.3288

53.3842, 0.3243,
0.3290

41.8860, 0.2379,
0.3288

56.2349, 0.3402,
0.3291

41.2764, 0.2320,
0.3288


59.4243, 0.3563,
0.3291

 40.8697, 0.2279,
0.3288

 61.8064, 0.3672,
0.3292

 40.6397, 0.2256,
0.3287

 61.8065, 0.3672,
0.3292

 40.5463, 0.2247,
0.3287

 61.8065, 0.3672,
0.3292

 61.8065, 0.3672,
0.3292

Harmonies

Analogous

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



46.7477, 0.2948, 0.3480



46.7477, 0.2796, 0.3289



46.7477, 0.2731, 0.3106

Triad

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



46.7477, 0.2796, 0.3289



46.7477, 0.3092, 0.2988



46.7477, 0.3497, 0.3594

Complementary

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



46.7477, 0.2796, 0.3289



33.9223, 0.3584, 0.3291

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.



46.7477, 0.3540, 0.3453



46.7477, 0.2796, 0.3289



46.7477, 0.3302, 0.3110

Square

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



46.7477, 0.2796, 0.3289



46.7477, 0.2898, 0.2941



46.7477, 0.3468, 0.3277



46.7477, 0.3353, 0.3658

Rectangle

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



46.7477, 0.2796, 0.3289



46.7477, 0.2744, 0.3014



46.7477, 0.3468, 0.3277



46.7477, 0.3524, 0.3554

Sweetspot

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



46.7496, 0.2796, 0.3289



90.3017, 0.3018, 0.3290



45.1384, 0.3098, 0.3915



19.7757, 0.3009, 0.3290



97.7402, 0.3127, 0.3290



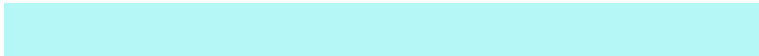
20.4902, 0.3127, 0.3290

Same Dimension

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



46.7496, 0.2796, 0.3289



83.2441, 0.2733, 0.3289



38.1124, 0.2773, 0.2984



10.8096, 0.2985, 0.3290



26.9599, 0.2247, 0.3287



1.0560, 0.2247, 0.3287

Inverse Universe

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



35.5335, 0.3153, 0.2735



59.4462, 0.3159, 0.2617



41.2455, 0.3522, 0.3578



9.6963, 0.3138, 0.3064



9.7513, 0.3209, 0.1542



0.3820, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 46.7477, 0.2796, 0.3289 looks on a white background.

Color Contrast Check

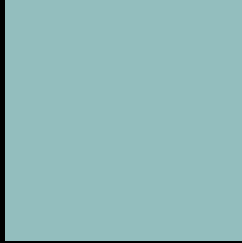
Large Text (above 18pt) WCAG AA × Fail

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 46.7477, 0.2796, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

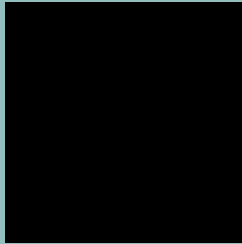
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

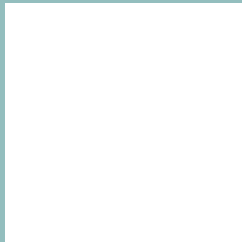
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7477, 0.2796, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 46.7477, 0.2796, 0.3289.

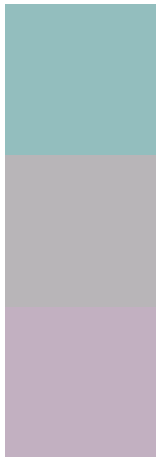


This preview shows how white text looks on a background with the Yxy color 46.7477, 0.2796, 0.3289.

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

46.7477, 0.2796, 0.3289

Protanopia

46.6988, 0.3129, 0.3251

Deuteranopia

46.3703, 0.3146, 0.3078



Tritanopia

46.7623, 0.2730, 0.3088

Trichromacy



Original Color

46.7477, 0.2796, 0.3289

Protanomaly

46.4841, 0.3004, 0.3263

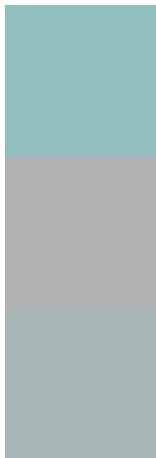
Deuteranomaly

46.2006, 0.3008, 0.3147

Tritanomaly

46.8620, 0.2756, 0.3167

Monochromacy



Original Color

46.7477, 0.2796, 0.3289

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.9403, 0.2994, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7477, 0.2796, 0.3289 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(147, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(147, 190, 190)  
}
```

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(147, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 190, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.7477, 0.2796, 0.3289 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(147, 190, 190) }
```

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

```
.border{ border-color:rgb(147, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(147, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(147, 190,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7477, 0.2796, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 190, 190) }
```

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

```
.background{ background-color: rgb(147,  
190, 190) }
```

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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