

Converting Colors

$Yxy(46.2578, 0.2695, 0.3007)$

Have a look what the booklet for
Yxy(46.2578, 0.2695, 0.3007)
contains.

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Color

Yxy(46.0614, 0.2688, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	95BAD0
RGB	149, 186, 208
RGB Percent	58%, 73%, 82%
CMY	0.4157, 0.2706, 0.1843
CMYK	0.28, 0.11, 0.00, 0.18
HSL	202°, 39%, 70%
HSV	202°, 28%, 82%
XYZ	41.3399, 46.0614, 66.3930
YIQ	177.4450, -29.1140, -1.0020

Conversions

Conversions Part 2

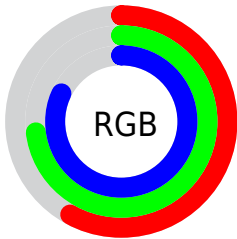
Format	Color
R _{YB}	149, 172, 208
Decimal	9812688
CIE Lab	73.59, -7.31, -15.14
CIE LCh	74, 16.812, 244.222
Yxy	46.0614, 0.2688, 0.2995
Android (android.graphics.Color)	4288002768 (0xFF95BAD0)
YUV	177.4450, 15.0636, -24.9463
Hunter-Lab	67.8685, -10.0425, -10.4930

Details

The Yxy color **46.0614, 0.2688, 0.2995** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7134, 0.3670, 0.3567**, and the grayscale version is **44.1449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5616, 0.2818, 0.3152**, and **21.5949, 0.2561, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **41.0971, 0.2536, 0.2872**, and if you desaturate by 10%, it is **51.5563, 0.2843, 0.3108**.

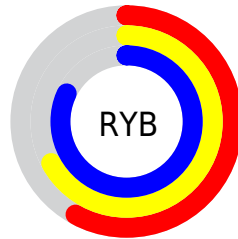
Distribution



Red (58%)

Green (73%)

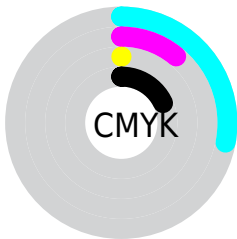
Blue (82%)



Red (58%)

Yellow (67%)

Blue (82%)

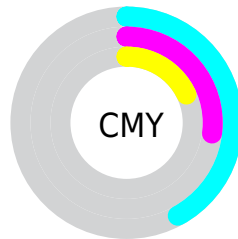


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0614, 0.2688, 0.2995 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 46.0614, 0.2688, 0.2995 by changing the saturation by 10% instead.

■ 46.0614, 0.2688,
0.2995

■ 46.0614, 0.2688,
0.2995

371.0554, 0.2905,
0.3144

■ 32.2943, 0.2635,
0.2957

■ 84.3109, 0.2766,
0.3050

■ 21.5864, 0.2567,
0.2909

■ 109.5620, 0.2796,
0.3070

■ 13.5533, 0.2479,
0.2844

139.4100, 0.2821,
0.3087

■ 7.8106, 0.2357,
0.2753

174.2391, 0.2842,
0.3102

■ 3.9740, 0.2182,
0.2618

214.4338, 0.2861,
0.3115

■ 1.6590, 0.1909,
0.2398

260.3785, 0.2877,

■ 0.3969, 0.0909,

0.3126

0.1814

312.4576, 0.2892,
0.3136

0.0000, 0.0000,
0.0000

46.0614, 0.2688,
0.2995

46.0614, 0.2688,
0.2995

41.0971, 0.2536,
0.2872

51.5563, 0.2843,
0.3108

36.6366, 0.2391,
0.2741

57.5963, 0.2999,
0.3212

32.6584, 0.2258,
0.2603

64.2020, 0.3152,
0.3305

29.1371, 0.2139,
0.2460

71.3910, 0.3301,
0.3388

26.0441, 0.2039,
0.2315

79.1802, 0.3443,
0.3461

■ 23.3462, 0.1960,
0.2172

■ 83.8415, 0.3444,
0.3537

■ 20.9946, 0.1900,
0.2032

■ 88.3206, 0.3431,
0.3612

■ 20.6320, 0.1891,
0.2009

■ 92.9952, 0.3417,
0.3686

■ 97.3346, 0.3406,
0.3750

Harmonies

Analogous

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



46.0614, 0.2701, 0.3172



46.0614, 0.2688, 0.2995



46.0614, 0.2787, 0.2904

Triad

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



46.0614, 0.2688, 0.2995



46.0614, 0.3436, 0.3182



46.0614, 0.3264, 0.3700

Complementary

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



46.0614, 0.2688, 0.2995



44.7134, 0.3670, 0.3567

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.



46.0614, 0.3470, 0.3686



46.0614, 0.2688, 0.2995



46.0614, 0.3573, 0.3381

Square

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



46.0614, 0.2688, 0.2995



46.0614, 0.3215, 0.3014



46.0614, 0.3585, 0.3566



46.0614, 0.3028, 0.3591

Rectangle

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



46.0614, 0.2688, 0.2995



46.0614, 0.2906, 0.2900



46.0614, 0.3585, 0.3566



46.0614, 0.3340, 0.3709

Sweetspot

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



46.0632, 0.2688, 0.2995



90.5633, 0.2987, 0.3204



54.4341, 0.2949, 0.3798



19.0728, 0.2965, 0.3190



0.0000, 0.0000, 0.0000



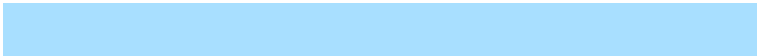
21.4041, 0.3127, 0.3290

Same Dimension

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



46.0632, 0.2688, 0.2995



68.1715, 0.2596, 0.2922



35.0158, 0.2646, 0.2586



12.6350, 0.2983, 0.3201



13.0482, 0.1897, 0.2029



0.8791, 0.1968, 0.2286

Inverse Universe

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



38.4536, 0.3366, 0.2837



54.6855, 0.3433, 0.2737



56.9570, 0.3576, 0.3907



11.9311, 0.3194, 0.3145



9.3885, 0.4420, 0.2209



0.5400, 0.4141, 0.2055

Previews

White Background



This preview shows how the Yxy color 46.0614, 0.2688, 0.2995 looks on a white background.

Color Contrast Check

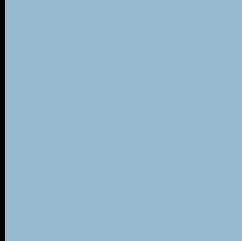
Large Text (above 18pt) WCAG AA × Fail

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 46.0614, 0.2688, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

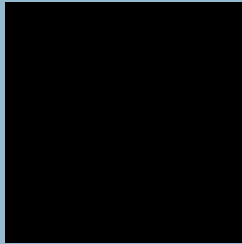
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

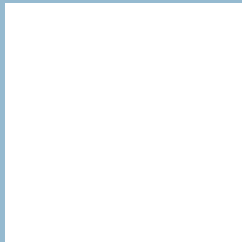
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0614, 0.2688, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 46.0614, 0.2688, 0.2995.



This preview shows how white text looks on a background with the Yxy color 46.0614, 0.2688, 0.2995.

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

46.0614, 0.2688, 0.2995

Protanopia

45.8991, 0.2926, 0.2982

Deuteranopia

45.8942, 0.2930, 0.2865



Tritanopia

46.1008, 0.2721, 0.3086

Trichromacy



Original Color

46.0614, 0.2688, 0.2995

Protanomaly

46.0792, 0.2835, 0.2990

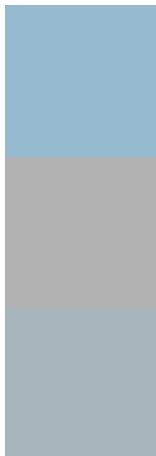
Deuteranomaly

45.9039, 0.2836, 0.2917

Tritanomaly

46.1962, 0.2708, 0.3060

Monochromacy



Original Color

46.0614, 0.2688, 0.2995

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4888, 0.2957, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0614, 0.2688, 0.2995 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(149, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 208)  
}
```

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(149, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 208) }
```

Border

The CSS property to change the border of an element to Yxy 46.0614, 0.2688, 0.2995 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(149, 186, 208) }
```

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

```
.border{ border-color:rgb(149, 186, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0614, 0.2688, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 208) }
```

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

```
.background{ background-color: rgb(149,  
186, 208) }
```

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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