

Converting Colors

$Yxy(58.4842, 0.2749, 0.3099)$

Have a look what the booklet for
Yxy(58.4842, 0.2749, 0.3099)
contains.

Yxy(58.2782, 0.2749, 0.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.2782, 0.2749, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	A8CFDF
RGB	168, 207, 223
RGB Percent	66%, 81%, 87%
CMY	0.3408, 0.1883, 0.1254
CMYK	0.25, 0.07, 0.00, 0.13
HSL	198°, 46%, 77%
HSV	198°, 25%, 87%
XYZ	51.7966, 58.2782, 78.3449
YIQ	197.1630, -28.3800, -3.2920

Conversions

Conversions Part 2

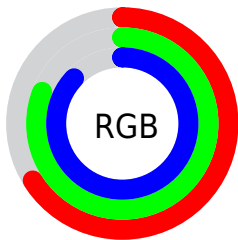
Format	Color
R _Y B	168, 191, 223
Decimal	11063263
CIE Lab	80.89, -9.24, -12.16
CIE LCh	81, 15.271, 232.775
Yxy	58.2782, 0.2749, 0.3093
Android (android.graphics.Color)	4289253343 (0xFFA8CFDF)
YUV	197.1630, 12.7376, -25.5760
Hunter-Lab	76.3402, -12.4836, -7.4089

Details

The Yxy color **58.2782, 0.2749, 0.3093** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8567, 0.3599, 0.3479**, and the grayscale version is **55.8841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **29.2545, 0.2656, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **52.9471, 0.2601, 0.3000**, and if you desaturate by 10%, it is **64.1640, 0.2902, 0.3179**.

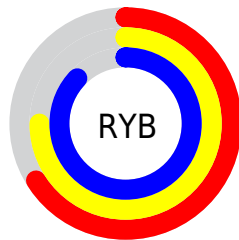
Distribution



Red (66%)

Green (81%)

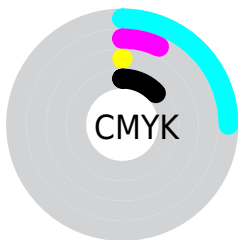
Blue (87%)



Red (66%)

Yellow (75%)

Blue (87%)

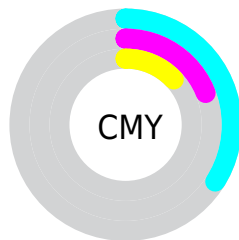


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2782, 0.2749, 0.3093 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 58.2782, 0.2749, 0.3093 by changing the saturation by 10% instead.

 58.2782, 0.2749,
0.3093


 58.2782, 0.2749,
0.3093

418.2218, 0.2929,
0.3190

 42.0323, 0.2707,
0.3069


 102.3279, 0.2812,
0.3128

 29.1266, 0.2654,
0.3040


 130.9005, 0.2837,
0.3141

 19.1766, 0.2586,
0.3000


164.3508, 0.2857,
0.3152

 11.7980, 0.2496,
0.2947

203.0632, 0.2876,
0.3162

 6.6063, 0.2371,
0.2870

247.4221, 0.2891,
0.3170

 3.2171, 0.2185,
0.2751

297.8119, 0.2905,

 1.2461, 0.1885,

0.3178

0.2544

354.6170, 0.2918,
0.3184

0.0989, 0.0000,
0.0936

0.0000, 0.0000,
0.0000

58.2782, 0.2749,
0.3093

58.2782, 0.2749,
0.3093

52.9471, 0.2601,
0.3000

64.1640, 0.2902,
0.3179

48.1407, 0.2461,
0.2901

70.6189, 0.3056,
0.3257

43.8365, 0.2333,
0.2796

77.6653, 0.3209,
0.3327

40.0071, 0.2220,
0.2688

84.8836, 0.3343,
0.3390

■ 36.6219, 0.2125,
0.2577

■ 88.6396, 0.3335,
0.3454

■ 33.6458, 0.2050,
0.2465

■ 92.5331, 0.3327,
0.3516

■ 31.0360, 0.1995,
0.2356

■ 96.5655, 0.3318,
0.3578

■ 29.7490, 0.1972,
0.2297

■ 98.1089, 0.3315,
0.3601

Harmonies

Analogous

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



58.2782, 0.2797, 0.3261



58.2782, 0.2749, 0.3093



58.2782, 0.2798, 0.2985

Triad

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



58.2782, 0.2749, 0.3093



58.2782, 0.3321, 0.3140



58.2782, 0.3315, 0.3641

Complementary

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



58.2782, 0.2749, 0.3093



52.8567, 0.3599, 0.3479

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.



58.2782, 0.3463, 0.3594



58.2782, 0.2749, 0.3093



58.2782, 0.3468, 0.3303

Square

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



58.2782, 0.2749, 0.3093



58.2782, 0.3124, 0.3016



58.2782, 0.3521, 0.3469



58.2782, 0.3120, 0.3587

Rectangle

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



58.2782, 0.2749, 0.3093



58.2782, 0.2880, 0.2958



58.2782, 0.3521, 0.3469



58.2782, 0.3373, 0.3636

Sweetspot

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



58.2806, 0.2749, 0.3093



93.4899, 0.3019, 0.3238



64.5676, 0.2999, 0.3783



19.8945, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



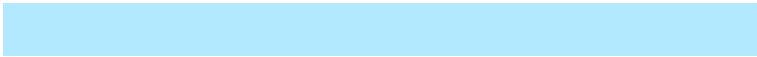
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2806, 0.2749, 0.3093



74.8314, 0.2665, 0.3042



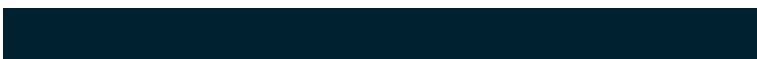
46.3029, 0.2719, 0.2749



14.8609, 0.2982, 0.3220



17.6924, 0.1976, 0.2314



1.3786, 0.2023, 0.2482

Inverse Universe

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



48.2341, 0.3290, 0.2848



59.1641, 0.3337, 0.2745



65.1698, 0.3527, 0.3779



13.8638, 0.3182, 0.3125



10.6941, 0.4112, 0.2039



0.7566, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 58.2782, 0.2749, 0.3093 looks on a white background.

Color Contrast Check

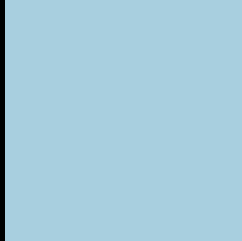
Large Text (above 18pt) WCAG AA × Fail

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 58.2782, 0.2749, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

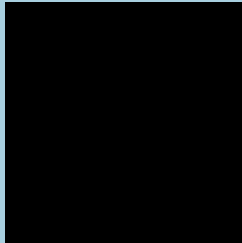
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2782, 0.2749, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 58.2782, 0.2749, 0.3093.

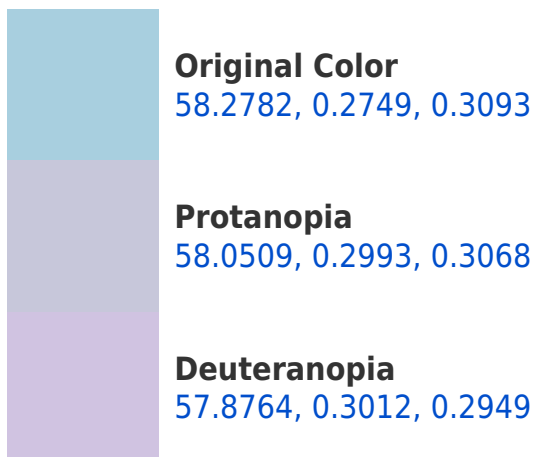


This preview shows how white text looks on a background with the Yxy color 58.2782, 0.2749, 0.3093.

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

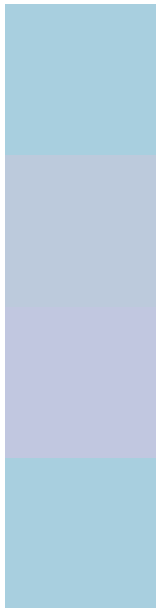




Tritanopia

58.2782, 0.2749, 0.3093

Trichromacy



Original Color

58.2782, 0.2749, 0.3093

Protanomaly

58.0997, 0.2900, 0.3075

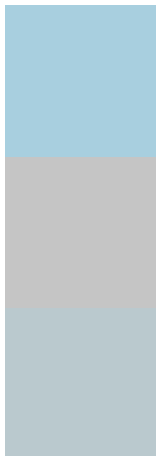
Deuteranomaly

57.5661, 0.2908, 0.2996

Tritanomaly

58.2782, 0.2749, 0.3093

Monochromacy



Original Color

58.2782, 0.2749, 0.3093

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6686, 0.2978, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2782, 0.2749, 0.3093 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(168, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 223)  
}
```

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(168, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 223) }
```

Border

The CSS property to change the border of an element to Yxy 58.2782, 0.2749, 0.3093 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(168, 207, 223) }
```

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

```
.border{ border-color:rgb(168, 207, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2782, 0.2749, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 207, 223) }
```

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

```
.background{ background-color: rgb(168,  
207, 223) }
```

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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