

Converting Colors

$Yxy(59.2642, 0.2770, 0.3095)$

Have a look what the booklet for
Yxy(59.2642, 0.2770, 0.3095)
contains.

Yxy(59.2642, 0.2770, 0.3095)	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(59.2642, 0.2770, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	ACD0E0
RGB	172, 208, 224
RGB Percent	67%, 82%, 88%
CMY	0.3251, 0.1844, 0.1215
CMYK	0.23, 0.07, 0.00, 0.12
HSL	199°, 46%, 78%
HSV	199°, 23%, 88%
XYZ	53.0410, 59.2642, 79.1785
YIQ	199.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

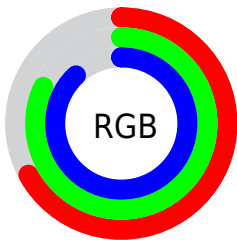
Format	Color
R _Y B	172, 193, 224
Decimal	11325664
CIE Lab	81.44, -8.34, -11.86
CIE LCh	81, 14.494, 234.891
Yxy	59.2642, 0.2770, 0.3095
Android (android.graphics.Color)	4289515744 (0xFFACD0E0)
YUV	199.0600, 12.2954, -23.7316
Hunter-Lab	76.9832, -11.7353, -7.0924

Details

The Yxy color **59.2642, 0.2770, 0.3095** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8576, 0.3563, 0.3477**, and the grayscale version is **57.0992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **29.8977, 0.2682, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **53.6392, 0.2620, 0.2998**, and if you desaturate by 10%, it is **65.4686, 0.2924, 0.3185**.

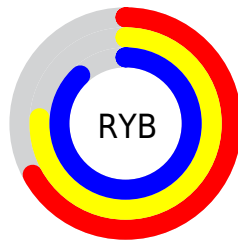
Distribution



Red (67%)

Green (82%)

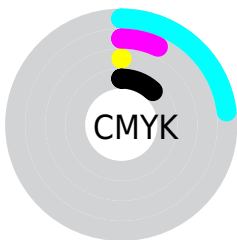
Blue (88%)



Red (67%)

Yellow (76%)

Blue (88%)

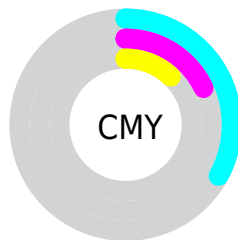


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (33%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2642, 0.2770, 0.3095 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 59.2642, 0.2770, 0.3095 by changing the saturation by 10% instead.

■ 59.2642, 0.2770,
0.3095

■ 59.2642, 0.2770,
0.3095

421.8803, 0.2939,
0.3190

■ 42.8258, 0.2730,
0.3072

■ 103.7616, 0.2830,
0.3129

■ 29.7485, 0.2681,
0.3043

132.5893, 0.2853,
0.3142

■ 19.6478, 0.2617,
0.3005

166.3157, 0.2872,
0.3153

■ 12.1393, 0.2533,
0.2953

205.3251, 0.2889,
0.3163

■ 6.8386, 0.2415,
0.2879

250.0018, 0.2904,
0.3171

■ 3.3614, 0.2242,
0.2765

300.7303, 0.2917,

■ 1.3232, 0.1961,

0.3178

0.2569

357.8950, 0.2929,
0.3185

0.1590, 0.0000,
0.1369

0.0000, 0.0000,
0.0000

59.2642, 0.2770,
0.3095

59.2642, 0.2770,
0.3095

53.6392, 0.2620,
0.2998

65.4686, 0.2924,
0.3185

48.5631, 0.2477,
0.2893

72.2669, 0.3078,
0.3266

44.0132, 0.2345,
0.2783

79.6820, 0.3231,
0.3339

39.9619, 0.2227,
0.2667

86.4394, 0.3333,
0.3406

■ 36.3787, 0.2127,
0.2550

■ 90.4945, 0.3325,
0.3473

■ 33.2282, 0.2046,
0.2431

■ 94.7056, 0.3316,
0.3539

■ 30.4684, 0.1986,
0.2314

■ 98.1630, 0.3309,
0.3591

■ 28.7647, 0.1954,
0.2235

Harmonies

Analogous

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



59.2642, 0.2809, 0.3251



59.2642, 0.2770, 0.3095



59.2642, 0.2823, 0.2998

Triad

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



59.2642, 0.2770, 0.3095



59.2642, 0.3322, 0.3159



59.2642, 0.3293, 0.3620

Complementary

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



59.2642, 0.2770, 0.3095



54.8576, 0.3563, 0.3477

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.



59.2642, 0.3437, 0.3583



59.2642, 0.2770, 0.3095



59.2642, 0.3456, 0.3315

Square

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



59.2642, 0.2770, 0.3095



59.2642, 0.3138, 0.3037



59.2642, 0.3498, 0.3469



59.2642, 0.3107, 0.3563

Rectangle

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



59.2642, 0.2770, 0.3095



59.2642, 0.2904, 0.2976



59.2642, 0.3498, 0.3469



59.2642, 0.3348, 0.3618

Sweetspot

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



59.2666, 0.2770, 0.3095



93.3024, 0.3019, 0.3235



65.7208, 0.3001, 0.3739



19.8510, 0.3009, 0.3230



0.0000, 0.0000, 0.0000



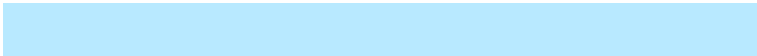
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2666, 0.2770, 0.3095



75.6067, 0.2694, 0.3047



47.8176, 0.2745, 0.2774



14.8205, 0.2982, 0.3216



16.9526, 0.1959, 0.2253



1.3318, 0.2009, 0.2432

Inverse Universe

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



49.9453, 0.3286, 0.2885



61.2550, 0.3329, 0.2794



66.7419, 0.3500, 0.3758



13.8598, 0.3185, 0.3129



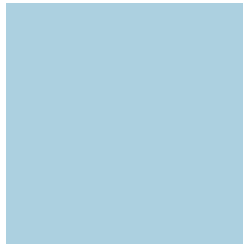
10.6194, 0.4176, 0.2074



0.7519, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 59.2642, 0.2770, 0.3095 looks on a white background.

Color Contrast Check

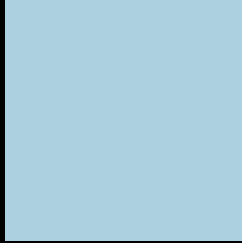
Large Text (above 18pt) WCAG AA × Fail

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 59.2642, 0.2770, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

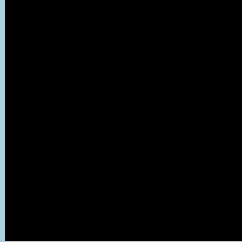
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

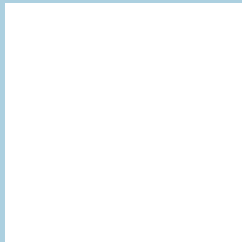
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2642, 0.2770, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 59.2642, 0.2770, 0.3095.



This preview shows how white text looks on a background with the Yxy color 59.2642, 0.2770, 0.3095.

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

59.2642, 0.2770, 0.3095

Protanopia

59.1671, 0.2993, 0.3081

Deuteranopia

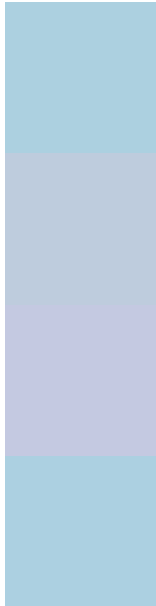
59.1251, 0.3020, 0.2962



Tritanopia

59.3186, 0.2764, 0.3084

Trichromacy



Original Color

59.2642, 0.2770, 0.3095

Protanomaly

59.3533, 0.2908, 0.3089

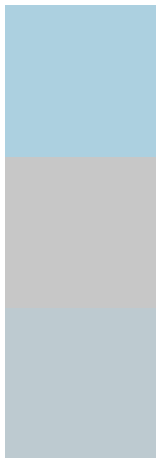
Deuteranomaly

58.9453, 0.2924, 0.3011

Tritanomaly

59.3186, 0.2764, 0.3084

Monochromacy



Original Color

59.2642, 0.2770, 0.3095

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6139, 0.2987, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2642, 0.2770, 0.3095 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(172, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 224)  
}
```

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(172, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.2642, 0.2770, 0.3095 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(172, 208, 224) }
```

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

```
.border{ border-color:rgb(172, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(172, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(172, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2642, 0.2770, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 224) }
```

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

```
.background{ background-color: rgb(172,  
208, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor