

Converting Colors

$Yxy(61.0523, 0.2546, 0.3089)$

Have a look what the booklet for
Yxy(61.0523, 0.2546, 0.3089)
contains.

Yxy(61.0843, 0.2547, 0.3091)	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(61.0843, 0.2547, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9E9
RGB	140, 217, 233
RGB Percent	55%, 85%, 91%
CMY	0.4509, 0.1490, 0.0864
CMYK	0.40, 0.07, 0.00, 0.09
HSL	190°, 68%, 73%
HSV	190°, 40%, 91%
XYZ	50.3338, 61.0843, 86.2018
YIQ	195.8010, -51.0280, -11.3480

Conversions

Conversions Part 2

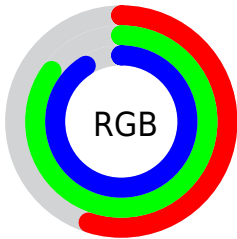
Format	Color
RYB	140, 182, 233
Decimal	9230825
CIELab	82.42, -19.72, -15.32
CIElCh	82, 24.971, 217.849
Yxy	61.0843, 0.2547, 0.3091
Android (android.graphics.Color)	4287420905 (0xFF8CD9E9)
YUV	195.8010, 18.3391, -48.9375
Hunter-Lab	78.1564, -21.8174, -10.6837

Details

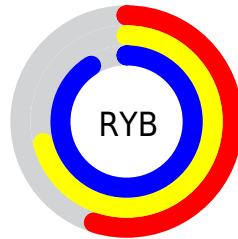
The Yxy color **61.0843, 0.2547, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9819, 0.4060, 0.3476**, and the grayscale version is **54.9900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **30.8998, 0.2411, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **57.2348, 0.2427, 0.3033**, and if you desaturate by 10%, it is **65.4170, 0.2681, 0.3147**.

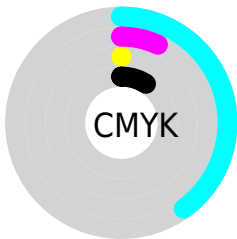
Distribution



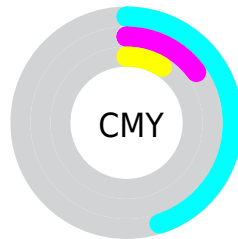
- Red (55%)
- Green (85%)
- Blue (91%)



- Red (55%)
- Yellow (71%)
- Blue (91%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)




- Cyan (45%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0843, 0.2547, 0.3091 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 61.0843, 0.2547, 0.3091 by changing the saturation by 10% instead.


 61.0843, 0.2547,
0.3091

 61.0843, 0.2547,
0.3091


428.5830, 0.2818,
0.3192

 44.2932, 0.2485,
0.3066

 106.4010, 0.2641,
0.3128

 30.9011, 0.2408,
0.3034

 135.6954, 0.2678,
0.3141

 20.5235, 0.2310,
0.2991


169.9263, 0.2709,
0.3153

 12.7762, 0.2183,
0.2933

209.4782, 0.2737,
0.3163

 7.2746, 0.2010,
0.2848

254.7354, 0.2761,
0.3172

 3.6344, 0.1765,
0.2716

306.0823, 0.2782,

 1.4712, 0.1395,

0.3179

0.2485

363.9034, 0.2801,
0.3186

0.2684, 0.0000,
0.1589

0.0000, 0.0000,
0.0000

61.0843, 0.2547,
0.3091

61.0843, 0.2547,
0.3091

57.2348, 0.2427,
0.3033

65.4170, 0.2681,
0.3147

53.8337, 0.2322,
0.2972

70.2508, 0.2824,
0.3199

50.8526, 0.2236,
0.2910

75.6117, 0.2975,
0.3247

48.2565, 0.2169,
0.2848

81.5212, 0.3129,
0.3290

■ 46.0036, 0.2122,
0.2786

■ 87.7139, 0.3274,
0.3330

■ 44.0238, 0.2090,
0.2725

■ 90.0565, 0.3270,
0.3369

■ 44.0041, 0.2090,
0.2724

■ 92.4511, 0.3266,
0.3408

■ 94.8980, 0.3262,
0.3446

■ 97.3976, 0.3258,
0.3484

Harmonies

Analogous

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



61.0843, 0.2691, 0.3390



61.0843, 0.2547, 0.3091



61.0843, 0.2549, 0.2869

Triad

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



61.0843, 0.2547, 0.3091



61.0843, 0.3283, 0.2946



61.0843, 0.3559, 0.3837

Complementary

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



61.0843, 0.2547, 0.3091



42.9819, 0.4060, 0.3476

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.



61.0843, 0.3737, 0.3681



61.0843, 0.2547, 0.3091



61.0843, 0.3575, 0.3173

Square

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



61.0843, 0.2547, 0.3091



61.0843, 0.2960, 0.2800



61.0843, 0.3744, 0.3438



61.0843, 0.3270, 0.3842

Rectangle

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



61.0843, 0.2547, 0.3091



61.0843, 0.2632, 0.2788



61.0843, 0.3744, 0.3438



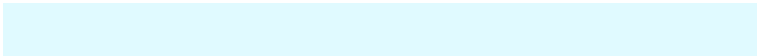
61.0843, 0.3635, 0.3799

Sweetspot

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



61.0867, 0.2547, 0.3091



91.3444, 0.2942, 0.3237



66.2193, 0.2986, 0.4308



19.3625, 0.2922, 0.3230



0.0000, 0.0000, 0.0000



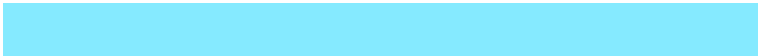
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0867, 0.2547, 0.3091



71.0093, 0.2446, 0.3042



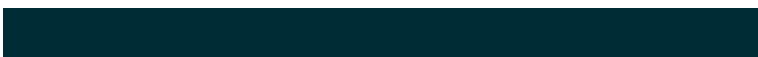
40.5845, 0.2452, 0.2483



16.6561, 0.2981, 0.3249



25.1383, 0.2093, 0.2733



2.0900, 0.2116, 0.2819

Inverse Universe

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



41.0895, 0.3318, 0.2457



43.8652, 0.3370, 0.2294



61.4452, 0.3849, 0.3979



15.2668, 0.3164, 0.3097



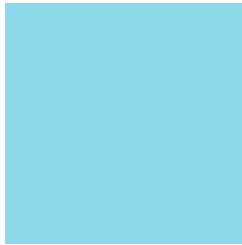
12.0305, 0.3697, 0.1810



0.9564, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 61.0843, 0.2547, 0.3091 looks on a white background.

Color Contrast Check

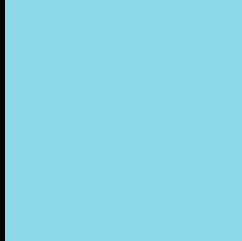
Large Text (above 18pt) WCAG AA × Fail

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 61.0843, 0.2547, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

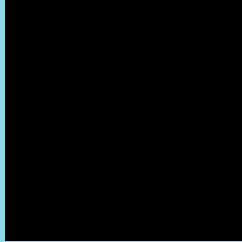
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0843, 0.2547, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 61.0843, 0.2547, 0.3091.

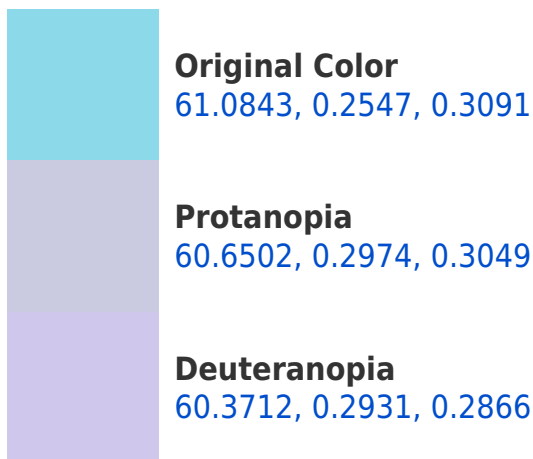


This preview shows how white text looks on a background with the Yxy color 61.0843, 0.2547, 0.3091.

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

61.1417, 0.2542, 0.3079

Trichromacy



Original Color

61.0843, 0.2547, 0.3091

Protanomaly

60.2415, 0.2797, 0.3063

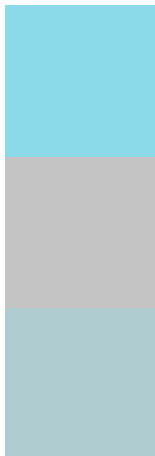
Deuteranomaly

60.2660, 0.2768, 0.2940

Tritanomaly

61.1417, 0.2542, 0.3079

Monochromacy



Original Color

61.0843, 0.2547, 0.3091

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.0193, 0.2887, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0843, 0.2547, 0.3091 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(140, 217, 233)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 233)  
}
```

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(140, 217, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 233) }
```

Border

The CSS property to change the border of an element to Yxy 61.0843, 0.2547, 0.3091 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(140, 217, 233) }
```

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

```
.border{ border-color:rgb(140, 217, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 217, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 233);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0843, 0.2547, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 233) }
```

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

```
.background{ background-color: rgb(140,  
217, 233) }
```

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