

Converting Colors

$Yxy(61.0768, 0.2485, 0.2920)$

Have a look what the booklet for
Yxy(61.0768, 0.2485, 0.2920)
contains.

Yxy(60.9174, 0.2484, 0.2914)	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(60.9174, 0.2484, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	8DD7F6
RGB	141, 215, 246
RGB Percent	55%, 84%, 96%
CMY	0.4467, 0.1569, 0.0353
CMYK	0.43, 0.13, 0.00, 0.04
HSL	198°, 85%, 76%
HSV	198°, 43%, 96%
XYZ	51.9282, 60.9174, 96.2052
YIQ	196.4080, -54.0550, -6.0470

Conversions

Conversions Part 2

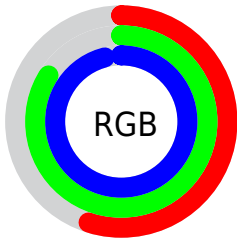
Format	Color
RYB	141, 184, 246
Decimal	9295862
CIELab	82.33, -15.10, -22.37
CIELCh	82, 26.995, 235.977
Yxy	60.9174, 0.2484, 0.2914
Android (android.graphics.Color)	4287485942 (0xFF8DD7F6)
YUV	196.4080, 24.4489, -48.5928
Hunter-Lab	78.0496, -17.8266, -18.4471

Details

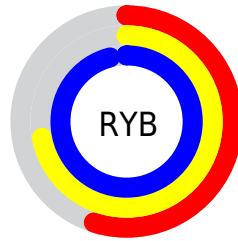
The Yxy color **60.9174, 0.2484, 0.2914** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **51.0543, 0.4093, 0.3629**, and the grayscale version is **55.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **30.7441, 0.2329, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **55.3758, 0.2352, 0.2808**, and if you desaturate by 10%, it is **67.1071, 0.2627, 0.3014**.

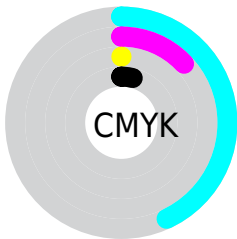
Distribution



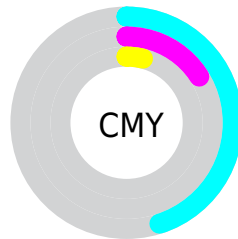
- Red (55%)
- Green (84%)
- Blue (96%)



- Red (55%)
- Yellow (72%)
- Blue (96%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9174, 0.2484, 0.2914 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 60.9174, 0.2484, 0.2914 by changing the saturation by 10% instead.

60.9174, 0.2484,
0.2914

60.9174, 0.2484,
0.2914

427.9711, 0.2783,
0.3098

44.1585, 0.2416,
0.2870

106.1593, 0.2588,
0.2980

30.7951, 0.2332,
0.2814

135.4112, 0.2628,
0.3004

20.4429, 0.2226,
0.2743

169.5961, 0.2663,
0.3026

12.7174, 0.2089,
0.2647

209.0985, 0.2693,
0.3044

7.2342, 0.1905,
0.2512

254.3028, 0.2720,
0.3060

3.6090, 0.1649,
0.2313

305.5934, 0.2743,

1.4574, 0.1276,

0.3074

0.1994

363.3547, 0.2764,
0.3087

0.2584, 0.0000,
0.1077

0.0000, 0.0000,
0.0000

60.9174, 0.2484,
0.2914

60.9174, 0.2484,
0.2914

55.3758, 0.2352,
0.2808

67.1071, 0.2627,
0.3014

50.4412, 0.2236,
0.2698

73.9692, 0.2777,
0.3107

46.0777, 0.2136,
0.2585

81.5347, 0.2931,
0.3193

42.2417, 0.2057,
0.2472

89.8306, 0.3086,
0.3271

■ 38.8806, 0.1999,
0.2360

■ 97.1197, 0.3182,
0.3341

■ 36.6561, 0.1966,
0.2278

■ 99.4335, 0.3179,
0.3376

Harmonies

Analogous

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



60.9174, 0.2545, 0.3196



60.9174, 0.2484, 0.2914



60.9174, 0.2582, 0.2753

Triad

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



60.9174, 0.2484, 0.2914



60.9174, 0.3498, 0.3059



60.9174, 0.3413, 0.3909

Complementary

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



60.9174, 0.2484, 0.2914



51.0543, 0.4093, 0.3629

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.



60.9174, 0.3689, 0.3829



60.9174, 0.2484, 0.2914



60.9174, 0.3744, 0.3334

Square

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



60.9174, 0.2484, 0.2914



60.9174, 0.3155, 0.2844



60.9174, 0.3814, 0.3613



60.9174, 0.3070, 0.3801

Rectangle

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



60.9174, 0.2484, 0.2914



60.9174, 0.2728, 0.2724



60.9174, 0.3814, 0.3613



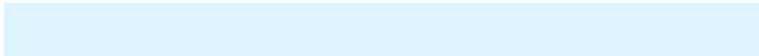
60.9174, 0.3517, 0.3902

Sweetspot

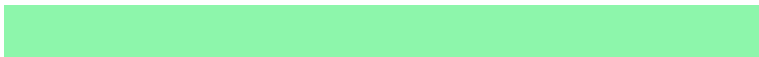
The Sweet Spot groups the original color and five complimentary colors.



60.9197, 0.2484, 0.2914



88.1541, 0.2925, 0.3190



74.5112, 0.2915, 0.4236



18.4670, 0.2891, 0.3172



0.0000, 0.0000, 0.0000



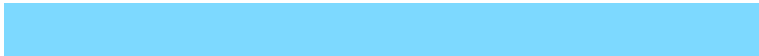
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9197, 0.2484, 0.2914



60.9798, 0.2372, 0.2825



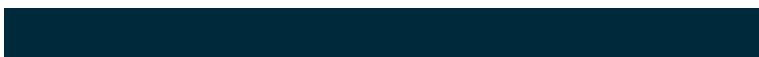
38.8067, 0.2374, 0.2254



17.8824, 0.2980, 0.3218



19.8219, 0.1971, 0.2297



1.9201, 0.2010, 0.2436

Inverse Universe

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



43.5711, 0.3459, 0.2520



40.9019, 0.3549, 0.2378



74.4337, 0.3856, 0.4143



16.6800, 0.3183, 0.3125



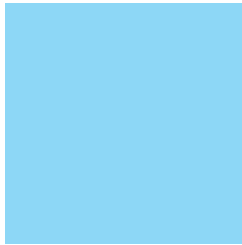
12.1004, 0.4130, 0.2049



1.0815, 0.3986, 0.1970

Previews

White Background



This preview shows how the Yxy color 60.9174, 0.2484, 0.2914 looks on a white background.

Color Contrast Check

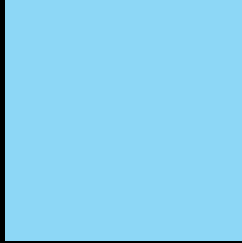
Large Text (above 18pt) WCAG AA × Fail

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 60.9174, 0.2484, 0.2914 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 60.9174, 0.2484, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 60.9174, 0.2484, 0.2914.

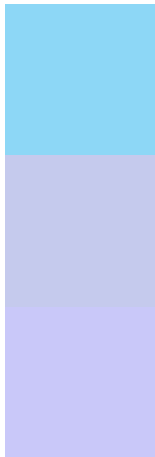


This preview shows how white text looks on a background with the Yxy color 60.9174, 0.2484, 0.2914.

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

60.9174, 0.2484, 0.2914

Protanopia

60.2258, 0.2854, 0.2892

Deuteranopia

60.5656, 0.2805, 0.2747



Tritanopia

60.9695, 0.2532, 0.3078

Trichromacy



Original Color

60.9174, 0.2484, 0.2914

Protanomaly

60.2640, 0.2707, 0.2904

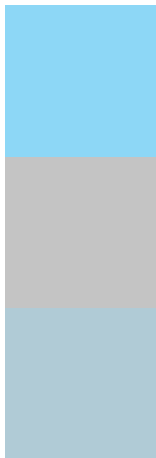
Deuteranomaly

60.0237, 0.2671, 0.2795

Tritanomaly

60.7737, 0.2515, 0.3018

Monochromacy



Original Color

60.9174, 0.2484, 0.2914

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.7970, 0.2854, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9174, 0.2484, 0.2914 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(141, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(141, 215, 246)  
}
```

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(141, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 215, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.9174, 0.2484, 0.2914 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(141, 215, 246) }
```

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

```
.border{ border-color:rgb(141, 215, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 215, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 215, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 215, 246); box-shadow:4px 4px 4px 4px rgb(141, 215, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9174, 0.2484, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 215, 246) }
```

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

```
.background{ background-color: rgb(141,  
215, 246) }
```

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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