

Converting Colors

$Yxy(61.2976, 0.2650, 0.2897)$

Have a look what the booklet for
Yxy(61.2976, 0.2650, 0.2897)
contains.

Yxy(61.2828, 0.2651, 0.2892)	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(61.2828, 0.2651, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	ABD2F4
RGB	171, 210, 244
RGB Percent	67%, 82%, 96%
CMY	0.3292, 0.1765, 0.0432
CMYK	0.30, 0.14, 0.00, 0.04
HSL	208°, 77%, 81%
HSV	208°, 30%, 96%
XYZ	56.1759, 61.2828, 94.4459
YIQ	202.2150, -34.1580, 2.3060

Conversions

Conversions Part 2

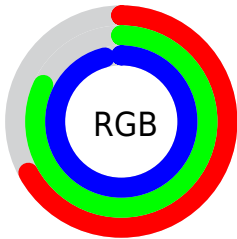
Format	Color
R_{YB}	171, 196, 244
Decimal	11260660
CIE _{Lab}	82.53, -5.10, -20.86
CIE _{LCh}	83, 21.471, 256.271
Yxy	61.2828, 0.2651, 0.2892
Android (android.graphics.Color)	4289450740 (0xFFABD2F4)
YUV	202.2150, 20.6000, -27.3756
Hunter-Lab	78.2833, -8.9047, -16.7328

Details

The Yxy color **61.2828, 0.2651, 0.2892** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.8551, 0.3692, 0.3656**, and the grayscale version is **59.0949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **31.1897, 0.2536, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **53.3760, 0.2490, 0.2733**, and if you desaturate by 10%, it is **70.0991, 0.2813, 0.3039**.

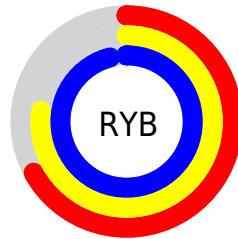
Distribution



Red (67%)

Green (82%)

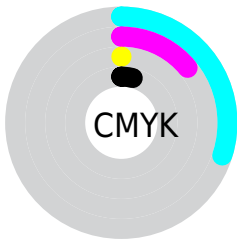
Blue (96%)



Red (67%)

Yellow (77%)

Blue (96%)

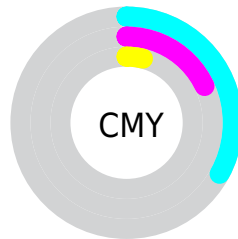


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2828, 0.2651, 0.2892 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 61.2828, 0.2651, 0.2892 by changing the saturation by 10% instead.

■ 61.2828, 0.2651,
0.2892

■ 61.2828, 0.2651,
0.2892

429.3101, 0.2874,
0.3082

■ 44.4534, 0.2599,
0.2847

■ 106.6883, 0.2729,
0.2959

■ 31.0271, 0.2536,
0.2792

136.0332, 0.2759,
0.2985

■ 20.6195, 0.2455,
0.2721

170.3188, 0.2785,
0.3007

■ 12.8462, 0.2348,
0.2627

209.9294, 0.2808,
0.3026

■ 7.3227, 0.2204,
0.2496

255.2495, 0.2827,
0.3042

■ 3.6647, 0.1997,
0.2306

306.6633, 0.2845,

■ 1.4878, 0.1681,

0.3057

0.2007

364.5554, 0.2860,
0.3070

0.2801, 0.0585,
0.1155

0.0000, 0.0000,
0.0000

61.2828, 0.2651,
0.2892

61.2828, 0.2651,
0.2892

53.3760, 0.2490,
0.2733

70.0991, 0.2813,
0.3039

46.3354, 0.2334,
0.2562

79.8514, 0.2974,
0.3172

40.1244, 0.2189,
0.2383

90.5739, 0.3129,
0.3291

34.7001, 0.2059,
0.2200

99.3110, 0.3191,
0.3396

■ 30.0143, 0.1949,
0.2016

■ 26.0114, 0.1862,
0.1837

■ 22.6048, 0.1797,
0.1667

■ 22.5714, 0.1796,
0.1665

Harmonies

Analogous

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



61.2828, 0.2613, 0.3059



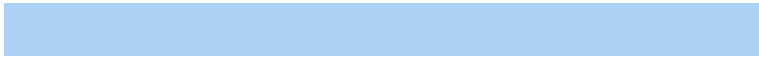
61.2828, 0.2651, 0.2892



61.2828, 0.2811, 0.2836

Triad

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



61.2828, 0.2651, 0.2892



61.2828, 0.3566, 0.3254



61.2828, 0.3175, 0.3735

Complementary

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



61.2828, 0.2651, 0.2892



65.8551, 0.3692, 0.3656

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.



61.2828, 0.3437, 0.3775



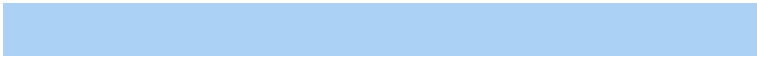
61.2828, 0.2651, 0.2892



61.2828, 0.3671, 0.3484

Square

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



61.2828, 0.2651, 0.2892



61.2828, 0.3339, 0.3042



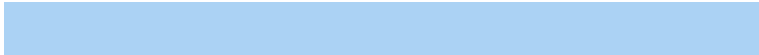
61.2828, 0.3622, 0.3676



61.2828, 0.2907, 0.3558

Rectangle

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



61.2828, 0.2651, 0.2892



61.2828, 0.2971, 0.2861



61.2828, 0.3622, 0.3676



61.2828, 0.3266, 0.3764

Sweetspot

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



61.2852, 0.2651, 0.2892



89.2690, 0.2987, 0.3183



77.7112, 0.2905, 0.3761



18.7536, 0.2964, 0.3164



0.0000, 0.0000, 0.0000



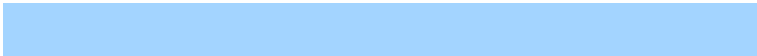
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2852, 0.2651, 0.2892



62.2238, 0.2551, 0.2795



45.7353, 0.2602, 0.2459



17.3921, 0.2980, 0.3177



12.5509, 0.1803, 0.1692



1.3088, 0.1863, 0.1907

Inverse Universe

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



53.0277, 0.3444, 0.2876



52.2900, 0.3533, 0.2787



84.6946, 0.3589, 0.4004



16.6305, 0.3210, 0.3164



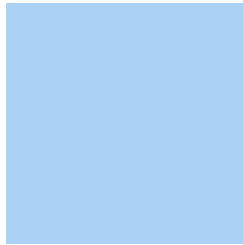
11.3664, 0.4817, 0.2427



1.0198, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 61.2828, 0.2651, 0.2892 looks on a white background.

Color Contrast Check

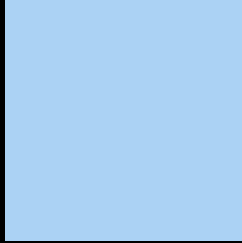
Large Text (above 18pt) WCAG AA × Fail

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 61.2828, 0.2651, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

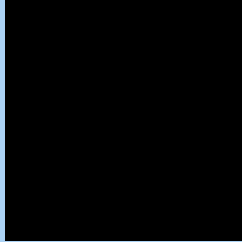
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

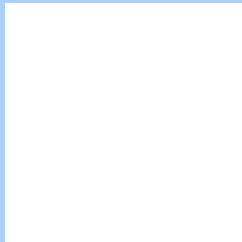
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2828, 0.2651, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 61.2828, 0.2651, 0.2892.

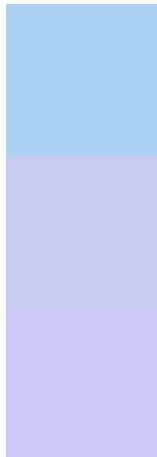


This preview shows how white text looks on a background with the Yxy color 61.2828, 0.2651, 0.2892.

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

61.2828, 0.2651, 0.2892

Protanopia

60.9496, 0.2848, 0.2883

Deuteranopia

60.7997, 0.2844, 0.2781



Tritanopia

61.0689, 0.2719, 0.3085

Trichromacy



Original Color

61.2828, 0.2651, 0.2892

Protanomaly

61.1849, 0.2771, 0.2889

Deuteranomaly

60.9848, 0.2772, 0.2826

Tritanomaly

60.9641, 0.2696, 0.3015

Monochromacy



Original Color

61.2828, 0.2651, 0.2892

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7488, 0.2942, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2828, 0.2651, 0.2892 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(171, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(171, 210, 244)  
}
```

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(171, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 210, 244) }
```

Border

The CSS property to change the border of an element to Yxy 61.2828, 0.2651, 0.2892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

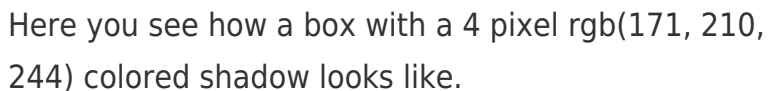
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 210, 244) }
```

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

```
.border{ border-color:rgb(171, 210, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 210, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 210, 244); box-shadow:4px 4px 4px 4px rgb(171, 210, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2828, 0.2651, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 210, 244) }
```

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

```
.background{ background-color: rgb(171,  
210, 244) }
```

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