

Converting Colors

Yxy(61.4412, 0.2791, 0.3070)

Have a look what the booklet for
Yxy(61.4412, 0.2791, 0.3070)
contains.

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Color

Yxy(61.3340, 0.2787, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	B3D2E5
RGB	179, 210, 229
RGB Percent	70%, 82%, 90%
CMY	0.2982, 0.1764, 0.1021
CMYK	0.22, 0.08, 0.00, 0.10
HSL	203°, 49%, 80%
HSV	203°, 22%, 90%
XYZ	55.7709, 61.3340, 83.0060
YIQ	202.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

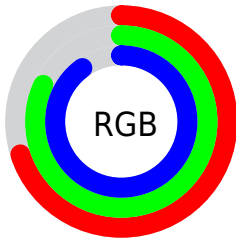
Format	Color
R _Y B	179, 198, 229
Decimal	11784933
CIE Lab	82.56, -6.22, -12.78
CIE LCh	83, 14.212, 244.023
Yxy	61.3340, 0.2787, 0.3065
Android (android.graphics.Color)	4289975013 (0xFFB3D2E5)
YUV	202.8970, 12.8688, -20.9577
Hunter-Lab	78.3160, -9.9385, -8.0194

Details

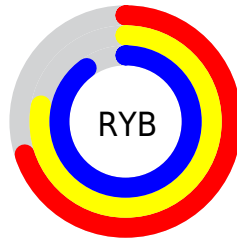
The Yxy color **61.3340, 0.2787, 0.3065** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.2611, 0.3525, 0.3505**, and the grayscale version is **59.5796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **31.1929, 0.2697, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **54.6604, 0.2631, 0.2945**, and if you desaturate by 10%, it is **68.6981, 0.2944, 0.3174**.

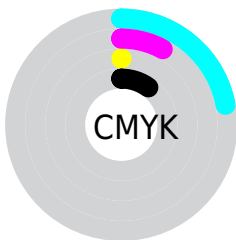
Distribution



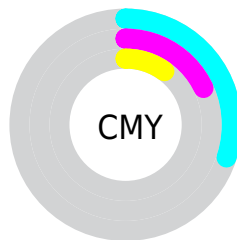
- Red (70%)
- Green (82%)
- Blue (90%)



- Red (70%)
- Yellow (78%)
- Blue (90%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3340, 0.2787, 0.3065 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 61.3340, 0.2787, 0.3065 by changing the saturation by 10% instead.

■ 61.3340, 0.2787,
0.3065

■ 61.3340, 0.2787,
0.3065

429.4976, 0.2948,
0.3173

■ 44.4948, 0.2750,
0.3039

■ 106.7624, 0.2843,
0.3103

■ 31.0597, 0.2703,
0.3007

136.1203, 0.2865,
0.3118

■ 20.6443, 0.2643,
0.2965

170.4200, 0.2884,
0.3131

■ 12.8642, 0.2565,
0.2908

210.0458, 0.2900,
0.3142

■ 7.3351, 0.2456,
0.2829

255.3820, 0.2914,
0.3151

■ 3.6726, 0.2295,
0.2708

306.8131, 0.2926,

■ 1.4921, 0.2039,

0.3159

0.2507

364.7235, 0.2938,
0.3167

0.2832, 0.0723,
0.1746

0.0000, 0.0000,
0.0000

61.3340, 0.2787,
0.3065

61.3340, 0.2787,
0.3065

54.6604, 0.2631,
0.2945

68.6981, 0.2944,
0.3174

48.6437, 0.2480,
0.2816

76.7696, 0.3099,
0.3273

43.2586, 0.2337,
0.2679

85.5739, 0.3250,
0.3361

38.4745, 0.2207,
0.2536

92.0617, 0.3291,
0.3445

■ 34.2576, 0.2094,
0.2388

■ 97.4303, 0.3282,
0.3527

■ 30.5698, 0.2000,
0.2241

■ 98.4355, 0.3280,
0.3542

■ 27.3655, 0.1928,
0.2095

■ 25.0510, 0.1883,
0.1979

Harmonies

Analogous

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



61.3340, 0.2798, 0.3203



61.3340, 0.2787, 0.3065



61.3340, 0.2864, 0.2992

Triad

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



61.3340, 0.2787, 0.3065



61.3340, 0.3363, 0.3207



61.3340, 0.3235, 0.3603

Complementary

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



61.3340, 0.2787, 0.3065



60.2611, 0.3525, 0.3505

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.



61.3340, 0.3392, 0.3594



61.3340, 0.2787, 0.3065



61.3340, 0.3468, 0.3362

Square

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



61.3340, 0.2787, 0.3065



61.3340, 0.3195, 0.3075



61.3340, 0.3479, 0.3504



61.3340, 0.3053, 0.3520

Rectangle

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



61.3340, 0.2787, 0.3065



61.3340, 0.2957, 0.2987



61.3340, 0.3479, 0.3504



61.3340, 0.3293, 0.3610

Sweetspot

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



61.3365, 0.2787, 0.3065



92.5285, 0.3019, 0.3223



69.6481, 0.2988, 0.3669



19.6716, 0.3009, 0.3217



0.0000, 0.0000, 0.0000



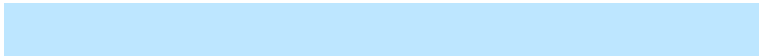
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3365, 0.2787, 0.3065



74.5190, 0.2719, 0.3015



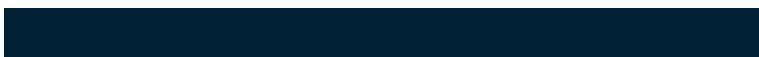
50.2007, 0.2765, 0.2765



15.3702, 0.2981, 0.3199



14.5661, 0.1889, 0.2001



1.2541, 0.1947, 0.2210

Inverse Universe

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



53.5354, 0.3304, 0.2946



63.2318, 0.3348, 0.2875



72.3113, 0.3470, 0.3766



14.5177, 0.3196, 0.3145



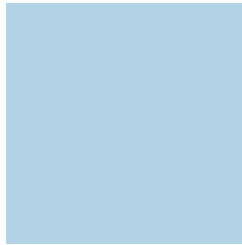
10.6682, 0.4452, 0.2226



0.8063, 0.4222, 0.2099

Previews

White Background



This preview shows how the Yxy color 61.3340, 0.2787, 0.3065 looks on a white background.

Color Contrast Check

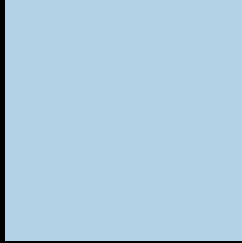
Large Text (above 18pt) WCAG AA × Fail

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 61.3340, 0.2787, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

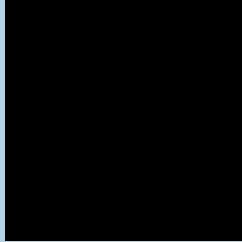
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

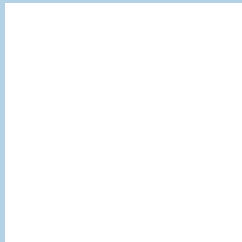
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3340, 0.2787, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 61.3340, 0.2787, 0.3065.



This preview shows how white text looks on a background with the Yxy color 61.3340, 0.2787, 0.3065.

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

61.3340, 0.2787, 0.3065

Protanopia

61.3185, 0.2975, 0.3050

Deuteranopia

61.2242, 0.3008, 0.2945



Tritanopia

61.2229, 0.2799, 0.3088

Trichromacy



Original Color

61.3340, 0.2787, 0.3065

Protanomaly

61.1029, 0.2905, 0.3058

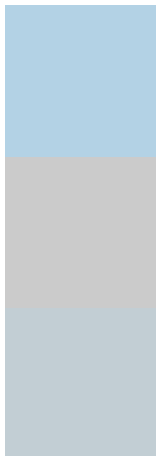
Deuteranomaly

61.3164, 0.2928, 0.2994

Tritanomaly

61.2783, 0.2793, 0.3076

Monochromacy



Original Color

61.3340, 0.2787, 0.3065

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3654, 0.2997, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3340, 0.2787, 0.3065 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(179, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(179, 210, 229)  
}
```

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(179, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 210, 229) }
```

Border

The CSS property to change the border of an element to Yxy 61.3340, 0.2787, 0.3065 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(179, 210, 229) }
```

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

```
.border{ border-color:rgb(179, 210, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(179, 210,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3340, 0.2787, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 210, 229) }
```

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

```
.background{ background-color: rgb(179,  
210, 229) }
```

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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