

Converting Colors

$Y_{xy}(60.2209, 0.2856, 0.3069)$

Have a look what the booklet for
Yxy(60.2209, 0.2856, 0.3069)
contains.

Yxy(60.0180, 0.2856, 0.3065)	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(60.0180, 0.2856, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	BACEE1
RGB	186, 206, 225
RGB Percent	73%, 81%, 88%
CMY	0.2703, 0.1922, 0.1176
CMYK	0.17, 0.08, 0.00, 0.12
HSL	209°, 39%, 81%
HSV	209°, 17%, 88%
XYZ	55.9254, 60.0180, 79.8739
YIQ	202.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

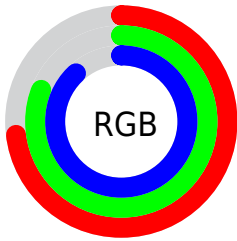
Format	Color
R _Y B	186, 199, 225
Decimal	12242657
CIE Lab	81.85, -2.78, -11.67
CIE LCh	82, 11.998, 256.612
Yxy	60.0180, 0.2856, 0.3065
Android (android.graphics.Color)	4290432737 (0xFFBACEE1)
YUV	202.1860, 11.2473, -14.1951
Hunter-Lab	77.4713, -6.7181, -6.8988

Details

The Yxy color `60.0180, 0.2856, 0.3065` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.2657, 0.3423, 0.3505`, and the grayscale version is `59.1305, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.6172, 0.3047, 0.3290`, and `30.2643, 0.2782, 0.3007` is the 20% darker color. If you saturate the color by 10%, you get `52.3102, 0.2693, 0.2915`, and if you desaturate by 10%, it is `68.5448, 0.3015, 0.3200`.

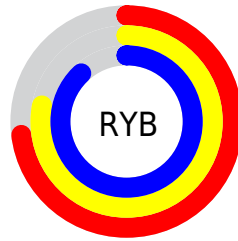
Distribution



Red (73%)

Green (81%)

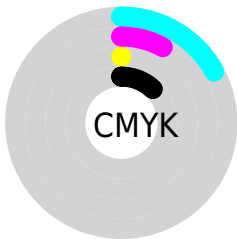
Blue (88%)



Red (73%)

Yellow (78%)

Blue (88%)

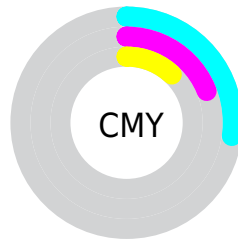


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0180, 0.2856, 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 60.0180, 0.2856, 0.3065 by changing the saturation by 10% instead.

■ 60.0180, 0.2856,
0.3065

■ 60.0180, 0.2856,
0.3065

424.6641, 0.2985,
0.3173

■ 43.4331, 0.2826,
0.3039

■ 104.8558, 0.2901,
0.3103

■ 30.2251, 0.2788,
0.3007

133.8775, 0.2919,
0.3118

■ 20.0095, 0.2739,
0.2966

167.8136, 0.2934,
0.3130

■ 12.4020, 0.2674,
0.2910

207.0485, 0.2947,
0.3141

■ 7.0181, 0.2584,
0.2831

251.9666, 0.2958,
0.3151

■ 3.4734, 0.2449,
0.2713

302.9524, 0.2968,

■ 1.3836, 0.2227,

0.3159

0.2514

360.3900, 0.2977,
0.3166

0.2046, 0.0923,
0.1491

0.0000, 0.0000,
0.0000

60.0180, 0.2856,
0.3065

60.0180, 0.2856,
0.3065

52.3102, 0.2693,
0.2915

68.5448, 0.3015,
0.3200

45.3858, 0.2530,
0.2752

77.9097, 0.3168,
0.3321

39.2171, 0.2371,
0.2577

88.1407, 0.3313,
0.3429

33.7716, 0.2220,
0.2391

95.0424, 0.3309,
0.3534

■ 29.0141, 0.2082,
0.2200

■ 98.2165, 0.3303,
0.3582

■ 24.9051, 0.1963,
0.2008

■ 21.3998, 0.1866,
0.1820

■ 18.4410, 0.1794,
0.1642

■ 17.7137, 0.1776,
0.1595

Harmonies

Analogous

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



60.0180, 0.2833, 0.3162



60.0180, 0.2856, 0.3065



60.0180, 0.2950, 0.3030

Triad

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



60.0180, 0.2856, 0.3065



60.0180, 0.3374, 0.3274



60.0180, 0.3155, 0.3534

Complementary

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



60.0180, 0.2856, 0.3065



63.2657, 0.3423, 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.



60.0180, 0.3302, 0.3561



60.0180, 0.2856, 0.3065



60.0180, 0.3431, 0.3406

Square

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



60.0180, 0.2856, 0.3065



60.0180, 0.3249, 0.3150



60.0180, 0.3404, 0.3512



60.0180, 0.3003, 0.3437

Rectangle

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



60.0180, 0.2856, 0.3065



60.0180, 0.3042, 0.3043



60.0180, 0.3404, 0.3512



60.0180, 0.3207, 0.3552

Sweetspot

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



60.0205, 0.2856, 0.3065



93.7510, 0.3050, 0.3229



68.7044, 0.2988, 0.3527



19.8835, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



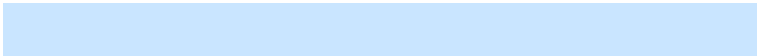
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0205, 0.2856, 0.3065



75.6477, 0.2794, 0.3009



51.3094, 0.2844, 0.2830



14.3965, 0.2981, 0.3173



10.4419, 0.1784, 0.1622



0.9029, 0.1860, 0.1896

Inverse Universe

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



55.6139, 0.3296, 0.3067



68.8914, 0.3341, 0.3015



73.0598, 0.3388, 0.3712



13.8170, 0.3212, 0.3171



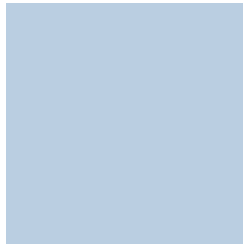
9.9622, 0.4904, 0.2475



0.7086, 0.4572, 0.2292

Previews

White Background



This preview shows how the Yxy color 60.0180, 0.2856, 0.3065 looks on a white background.

Color Contrast Check

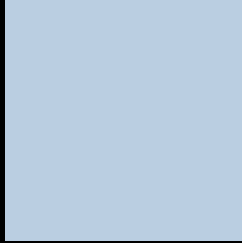
Large Text (above 18pt) WCAG AA × Fail

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 60.0180, 0.2856, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

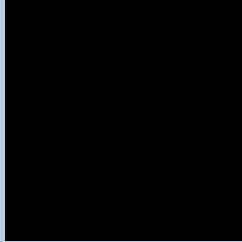
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

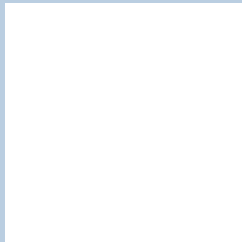
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0180, 0.2856, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 60.0180, 0.2856, 0.3065.

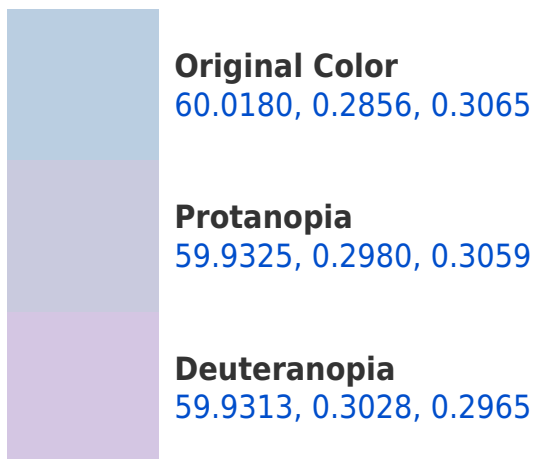


This preview shows how white text looks on a background with the Yxy color 60.0180, 0.2856, 0.3065.

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





Tritanopia

59.9094, 0.2868, 0.3088

Trichromacy



Original Color

60.0180, 0.2856, 0.3065

Protanomaly

59.7753, 0.2938, 0.3057

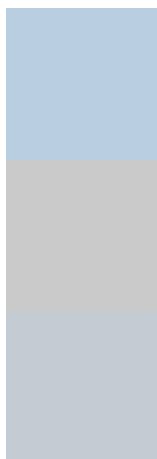
Deuteranomaly

59.9608, 0.2968, 0.3004

Tritanomaly

59.9635, 0.2862, 0.3077

Monochromacy



Original Color

60.0180, 0.2856, 0.3065

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1008, 0.3025, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0180, 0.2856, 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(186, 206, 225)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 225)  
}
```

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(186, 206, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.0180, 0.2856, 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(186, 206, 225) }
```

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

```
.border{ border-color:rgb(186, 206, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0180, 0.2856, 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(186, 206, 225) }
```

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

```
.background{ background-color: rgb(186,  
206, 225) }
```

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