

Converting Colors

$Yxy(62.0926, 0.2844, 0.3053)$

Have a look what the booklet for
Yxy(62.0926, 0.2844, 0.3053)
contains.

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Color

Yxy(62.0055, 0.2840, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	BCD1E6
RGB	188, 209, 230
RGB Percent	74%, 82%, 90%
CMY	0.2626, 0.1804, 0.0980
CMYK	0.18, 0.09, 0.00, 0.10
HSL	210°, 46%, 82%
HSV	210°, 18%, 90%
XYZ	57.8311, 62.0055, 83.7940
YIQ	205.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

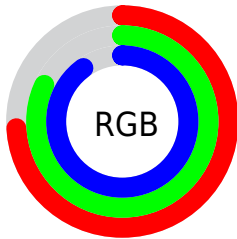
Format	Color
RYB	188, 202, 230
Decimal	12374502
CIELab	82.92, -2.68, -12.73
CIELCh	83, 13.013, 258.126
Yxy	62.0055, 0.2840, 0.3045
Android (android.graphics.Color)	4290564582 (0xFFBCD1E6)
YUV	205.1150, 12.2683, -15.0099
Hunter-Lab	78.7436, -6.7068, -7.9722

Details

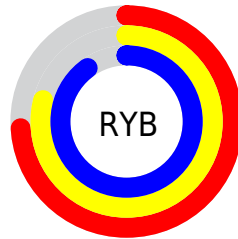
The Yxy color **62.0055, 0.2840, 0.3045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0904, 0.3440, 0.3523**, and the grayscale version is **61.0628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **31.5670, 0.2771, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **53.8651, 0.2676, 0.2890**, and if you desaturate by 10%, it is **71.0253, 0.3000, 0.3185**.

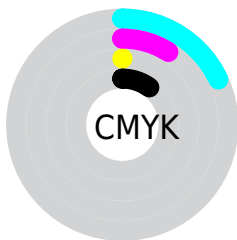
Distribution



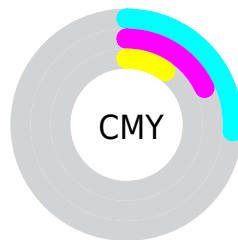
- Red (74%)
- Green (82%)
- Blue (90%)



- Red (74%)
- Yellow (79%)
- Blue (90%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0055, 0.2840, 0.3045 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 62.0055, 0.2840, 0.3045 by changing the saturation by 10% instead.

■ 62.0055, 0.2840,
0.3045

■ 62.0055, 0.2840,
0.3045

431.9512, 0.2976,
0.3162

■ 45.0371, 0.2808,
0.3017

■ 107.7335, 0.2888,
0.3086

■ 31.4867, 0.2769,
0.2983

137.2619, 0.2906,
0.3102

■ 20.9697, 0.2718,
0.2939

171.7458, 0.2922,
0.3116

■ 13.1019, 0.2651,
0.2880

211.5695, 0.2935,
0.3127

■ 7.4987, 0.2559,
0.2797

257.1176, 0.2947,
0.3138

■ 3.7759, 0.2422,
0.2674

308.7742, 0.2958,

■ 1.5490, 0.2202,

0.3147

0.2472

366.9240, 0.2967,
0.3155

0.3229, 0.1317,
0.1761

0.0000, 0.0000,
0.0000

62.0055, 0.2840,
0.3045

62.0055, 0.2840,
0.3045

53.8651, 0.2676,
0.2890

71.0253, 0.3000,
0.3185

46.5660, 0.2512,
0.2721

80.9459, 0.3154,
0.3311

40.0780, 0.2351,
0.2539

91.4070, 0.3286,
0.3423

34.3659, 0.2199,
0.2348

98.4941, 0.3274,
0.3532

■ 29.3914, 0.2062,
0.2151

■ 25.1117, 0.1943,
0.1955

■ 21.4777, 0.1847,
0.1763

■ 18.4234, 0.1776,
0.1582

■ 17.9332, 0.1764,
0.1551

Harmonies

Analogous

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



62.0055, 0.2811, 0.3146



62.0055, 0.2840, 0.3045



62.0055, 0.2944, 0.3011

Triad

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



62.0055, 0.2840, 0.3045



62.0055, 0.3397, 0.3280



62.0055, 0.3148, 0.3549

Complementary

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



62.0055, 0.2840, 0.3045



66.0904, 0.3440, 0.3523

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.



62.0055, 0.3308, 0.3581



62.0055, 0.2840, 0.3045



62.0055, 0.3454, 0.3421

Square

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



62.0055, 0.2840, 0.3045



62.0055, 0.3266, 0.3146



62.0055, 0.3421, 0.3532



62.0055, 0.2986, 0.3441

Rectangle

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



62.0055, 0.2840, 0.3045



62.0055, 0.3044, 0.3028



62.0055, 0.3421, 0.3532



62.0055, 0.3204, 0.3569

Sweetspot

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



62.0080, 0.2840, 0.3045



93.6547, 0.3050, 0.3227



71.9039, 0.2976, 0.3533



19.8601, 0.3039, 0.3218



0.0000, 0.0000, 0.0000



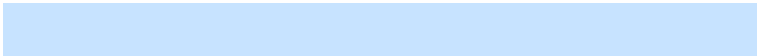
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0080, 0.2840, 0.3045



74.2334, 0.2777, 0.2987



52.3943, 0.2826, 0.2793



15.0698, 0.2981, 0.3169



10.3958, 0.1772, 0.1579



0.9540, 0.1846, 0.1844

Inverse Universe

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



57.4125, 0.3311, 0.3059



67.6015, 0.3359, 0.3008



77.0608, 0.3401, 0.3743



14.4874, 0.3214, 0.3173



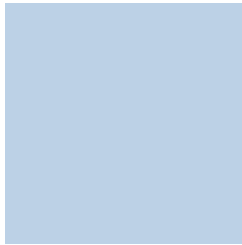
10.2472, 0.4958, 0.2505



0.7760, 0.4634, 0.2326

Previews

White Background



This preview shows how the Yxy color 62.0055, 0.2840, 0.3045 looks on a white background.

Color Contrast Check

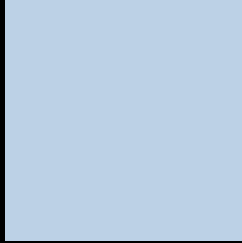
Large Text (above 18pt) WCAG AA × Fail

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 62.0055, 0.2840, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

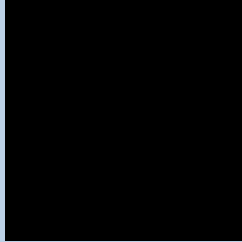
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

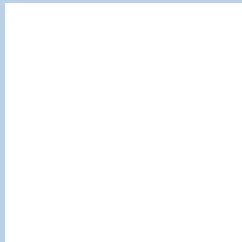
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0055, 0.2840, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 62.0055, 0.2840, 0.3045.



This preview shows how white text looks on a background with the Yxy color 62.0055, 0.2840, 0.3045.

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

62.0055, 0.2840, 0.3045

Protanopia

62.0461, 0.2969, 0.3040

Deuteranopia

61.8956, 0.3008, 0.2947



Tritanopia

62.1490, 0.2858, 0.3102

Trichromacy



Original Color

62.0055, 0.2840, 0.3045

Protanomaly

61.7498, 0.2920, 0.3037

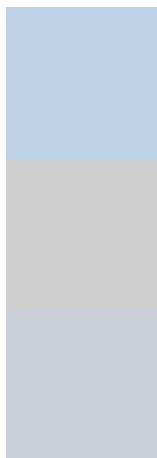
Deuteranomaly

61.9344, 0.2950, 0.2985

Tritanomaly

62.2040, 0.2852, 0.3091

Monochromacy



Original Color

62.0055, 0.2840, 0.3045

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1398, 0.3020, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0055, 0.2840, 0.3045 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(188, 209, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 230)  
}
```

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(188, 209, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.0055, 0.2840, 0.3045 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(188, 209, 230) }
```

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

```
.border{ border-color:rgb(188, 209, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0055, 0.2840, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 230) }
```

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

```
.background{ background-color: rgb(188,  
209, 230) }
```

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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