

Converting Colors

$Yxy(61.3010, 0.2837, 0.3105)$

Have a look what the booklet for
Yxy(61.3010, 0.2837, 0.3105)
contains.

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Color

Yxy(61.1045, 0.2837, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	B7D1E1
RGB	183, 209, 225
RGB Percent	72%, 82%, 88%
CMY	0.2823, 0.1804, 0.1176
CMYK	0.19, 0.07, 0.00, 0.12
HSL	203°, 41%, 80%
HSV	203°, 19%, 88%
XYZ	55.9205, 61.1045, 80.0863
YIQ	203.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

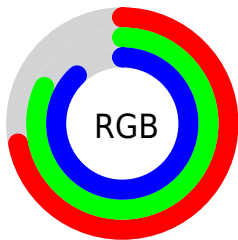
Format	Color
RYB	183, 199, 225
Decimal	12046817
CIELab	82.43, -5.32, -10.82
CIELCh	82, 12.058, 243.816
Yxy	61.1045, 0.2837, 0.3100
Android (android.graphics.Color)	4290236897 (0xFFB7D1E1)
YUV	203.0500, 10.8214, -17.5838
Hunter-Lab	78.1694, -9.1018, -6.0254

Details

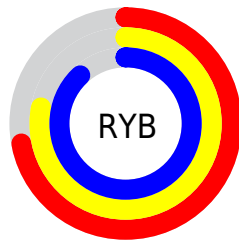
The Yxy color **61.1045, 0.2837, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2786, 0.3458, 0.3473**, and the grayscale version is **59.6964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **31.0121, 0.2759, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **54.4702, 0.2681, 0.2983**, and if you desaturate by 10%, it is **68.4113, 0.2994, 0.3206**.

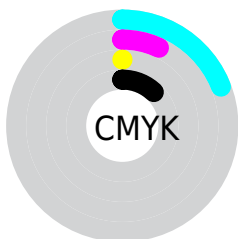
Distribution



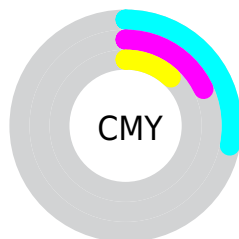
- Red (72%)
- Green (82%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1045, 0.2837, 0.3100 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 61.1045, 0.2837, 0.3100 by changing the saturation by 10% instead.

■ 61.1045, 0.2837,
0.3100

■ 61.1045, 0.2837,
0.3100

428.6571, 0.2974,
0.3192

■ 44.3095, 0.2805,
0.3078

■ 106.4302, 0.2885,
0.3133

■ 30.9139, 0.2765,
0.3051

135.7298, 0.2904,
0.3145

■ 20.5333, 0.2713,
0.3015

169.9663, 0.2920,
0.3156

■ 12.7833, 0.2645,
0.2967

209.5241, 0.2934,
0.3165

■ 7.2795, 0.2550,
0.2899

254.7877, 0.2946,
0.3173

■ 3.6375, 0.2410,
0.2797

306.1415, 0.2956,

■ 1.4729, 0.2182,

0.3180

0.2623

363.9698, 0.2966,
0.3186

0.2696, 0.0872,
0.1861

0.0000, 0.0000,
0.0000

61.1045, 0.2837,
0.3100

61.1045, 0.2837,
0.3100

54.4702, 0.2681,
0.2983

68.4113, 0.2994,
0.3206

48.4765, 0.2527,
0.2857

76.4060, 0.3147,
0.3302

43.0995, 0.2381,
0.2721

85.1128, 0.3297,
0.3388

38.3110, 0.2247,
0.2579

90.9758, 0.3317,
0.3470

■ 34.0795, 0.2127,
0.2432

■ 96.2362, 0.3307,
0.3552

■ 30.3700, 0.2027,
0.2283

■ 98.2167, 0.3303,
0.3582

■ 27.1414, 0.1948,
0.2136

■ 24.3341, 0.1889,
0.1993

■ 23.9816, 0.1882,
0.1974

Harmonies

Analogous

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



61.1045, 0.2847, 0.3218



61.1045, 0.2837, 0.3100



61.1045, 0.2903, 0.3037

Triad

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



61.1045, 0.2837, 0.3100



61.1045, 0.3327, 0.3218



61.1045, 0.3221, 0.3555

Complementary

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



61.1045, 0.2837, 0.3100



60.2786, 0.3458, 0.3473

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.



61.1045, 0.3353, 0.3548



61.1045, 0.2837, 0.3100



61.1045, 0.3416, 0.3351

Square

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



61.1045, 0.2837, 0.3100



61.1045, 0.3184, 0.3106



61.1045, 0.3426, 0.3472



61.1045, 0.3066, 0.3485

Rectangle

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



61.1045, 0.2837, 0.3100



61.1045, 0.2982, 0.3031



61.1045, 0.3426, 0.3472



61.1045, 0.3269, 0.3561

Sweetspot

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



61.1070, 0.2837, 0.3100



93.5495, 0.3034, 0.3233



68.0187, 0.3007, 0.3608



19.8775, 0.3024, 0.3226



0.0000, 0.0000, 0.0000



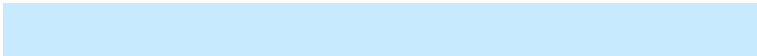
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1070, 0.2837, 0.3100



77.9805, 0.2782, 0.3061



51.7294, 0.2823, 0.2850



14.6491, 0.2981, 0.3199



14.0504, 0.1888, 0.1996



1.1451, 0.1949, 0.2217

Inverse Universe

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



54.4809, 0.3275, 0.2999



67.9798, 0.3308, 0.2942



70.3041, 0.3418, 0.3695



13.8425, 0.3196, 0.3146



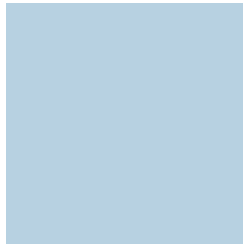
10.3264, 0.4458, 0.2229



0.7331, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 61.1045, 0.2837, 0.3100 looks on a white background.

Color Contrast Check

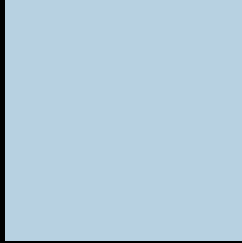
Large Text (above 18pt) WCAG AA × Fail

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 61.1045, 0.2837, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

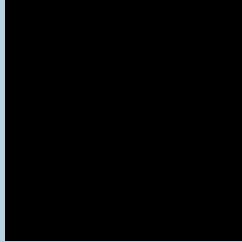
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

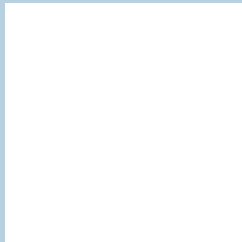
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1045, 0.2837, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 61.1045, 0.2837, 0.3100.



This preview shows how white text looks on a background with the Yxy color 61.1045, 0.2837, 0.3100.

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

61.1045, 0.2837, 0.3100

Protanopia

60.8232, 0.3002, 0.3072

Deuteranopia

60.6890, 0.3043, 0.2977



Tritanopia

61.1592, 0.2831, 0.3089

Trichromacy



Original Color

61.1045, 0.2837, 0.3100

Protanomaly

60.7261, 0.2938, 0.3081

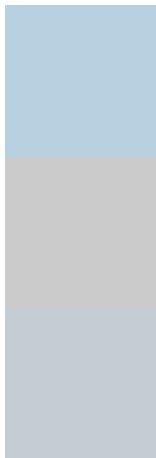
Deuteranomaly

60.8994, 0.2968, 0.3027

Tritanomaly

61.1592, 0.2831, 0.3089

Monochromacy



Original Color

61.1045, 0.2837, 0.3100

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1016, 0.3018, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1045, 0.2837, 0.3100 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(183, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 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(183, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.1045, 0.2837, 0.3100 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(183, 209, 225) }
```

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

```
.border{ border-color:rgb(183, 209, 225) }
```

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

Here you see how a box with a 4 pixel rgb(183, 209, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1045, 0.2837, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 225) }
```

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

```
.background{ background-color: rgb(183,  
209, 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](#).

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