

Converting Colors

$Yxy(60.0028, 0.2865, 0.3161)$

Have a look what the booklet for
Yxy(60.0028, 0.2865, 0.3161)
contains.

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Color

Yxy(60.0500, 0.2860, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0DB
RGB	181, 208, 219
RGB Percent	71%, 82%, 86%
CMY	0.2902, 0.1843, 0.1411
CMYK	0.17, 0.05, 0.00, 0.14
HSL	197°, 35%, 78%
HSV	197°, 17%, 86%
XYZ	54.4007, 60.0500, 75.7615
YIQ	201.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

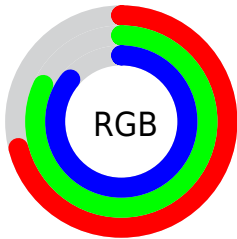
Format	Color
RYB	181, 197, 219
Decimal	11915483
CIELab	81.87, -6.70, -8.49
CIElCh	82, 10.814, 231.745
Yxy	60.0500, 0.2860, 0.3157
Android (android.graphics.Color)	4290105563 (0xFFB5D0DB)
YUV	201.1810, 8.7848, -17.6987
Hunter-Lab	77.4919, -10.3008, -3.7217

Details

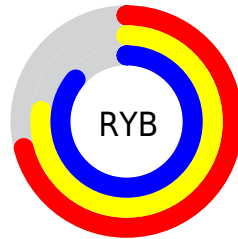
The Yxy color **60.0500, 0.2860, 0.3157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1125, 0.3438, 0.3419**, and the grayscale version is **58.4824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **30.3807, 0.2797, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **54.5740, 0.2709, 0.3070**, and if you desaturate by 10%, it is **66.0712, 0.3014, 0.3236**.

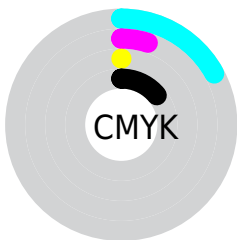
Distribution



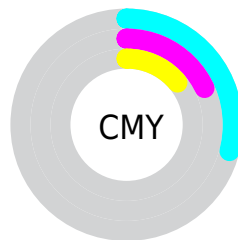
- Red (71%)
- Green (82%)
- Blue (86%)



- Red (71%)
- Yellow (77%)
- Blue (86%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0500, 0.2860, 0.3157 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 60.0500, 0.2860, 0.3157 by changing the saturation by 10% instead.

■ 60.0500, 0.2860,
0.3157

■ 60.0500, 0.2860,
0.3157

424.7820, 0.2987,
0.3222

■ 43.4589, 0.2830,
0.3141

■ 104.9022, 0.2905,
0.3180

■ 30.2454, 0.2793,
0.3122

133.9321, 0.2922,
0.3189

■ 20.0249, 0.2745,
0.3096

167.8771, 0.2937,
0.3196

■ 12.4131, 0.2681,
0.3061

207.1216, 0.2949,
0.3203

■ 7.0257, 0.2592,
0.3011

252.0499, 0.2961,
0.3209

■ 3.4782, 0.2458,
0.2933

303.0465, 0.2970,

■ 1.3862, 0.2239,

0.3214

0.2798

360.4958, 0.2979,
0.3218

0.2065, 0.0310,
0.1952

0.0000, 0.0000,
0.0000

60.0500, 0.2860,
0.3157

60.0500, 0.2860,
0.3157

54.5740, 0.2709,
0.3070

66.0712, 0.3014,
0.3236

49.6150, 0.2563,
0.2976

72.6497, 0.3167,
0.3308

45.1531, 0.2426,
0.2876

79.8065, 0.3319,
0.3372

41.1638, 0.2302,
0.2771

84.8854, 0.3369,
0.3434

■ 37.6205, 0.2194,
0.2663

■ 88.5551, 0.3360,
0.3496

■ 34.4927, 0.2105,
0.2553

■ 92.3555, 0.3351,
0.3557

■ 31.7453, 0.2035,
0.2442

■ 96.2882, 0.3343,
0.3617

■ 29.3313, 0.1986,
0.2334

■ 97.8961, 0.3339,
0.3641

■ 28.7304, 0.1974,
0.2306

Harmonies

Analogous

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



60.0500, 0.2897, 0.3276



60.0500, 0.2860, 0.3157



60.0500, 0.2893, 0.3077

Triad

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



60.0500, 0.2860, 0.3157



60.0500, 0.3259, 0.3181



60.0500, 0.3264, 0.3534

Complementary

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



60.0500, 0.2860, 0.3157



56.1125, 0.3438, 0.3419

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.



60.0500, 0.3365, 0.3502



60.0500, 0.2860, 0.3157



60.0500, 0.3363, 0.3297

Square

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



60.0500, 0.2860, 0.3157



60.0500, 0.3121, 0.3093



60.0500, 0.3402, 0.3414



60.0500, 0.3128, 0.3498

Rectangle

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



60.0500, 0.2860, 0.3157



60.0500, 0.2950, 0.3056



60.0500, 0.3402, 0.3414



60.0500, 0.3304, 0.3531

Sweetspot

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



60.0525, 0.2860, 0.3157



95.3251, 0.3050, 0.3254



64.2984, 0.3036, 0.3623



20.2664, 0.3039, 0.3249



0.0000, 0.0000, 0.0000



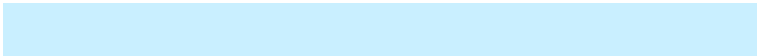
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0525, 0.2860, 0.3157



81.7092, 0.2802, 0.3125



51.4381, 0.2849, 0.2925



14.1584, 0.2982, 0.3221



17.2274, 0.1978, 0.2322



1.2615, 0.2027, 0.2498

Inverse Universe

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



52.6665, 0.3235, 0.2982



69.5033, 0.3262, 0.2911



64.8854, 0.3402, 0.3630



13.2071, 0.3182, 0.3125



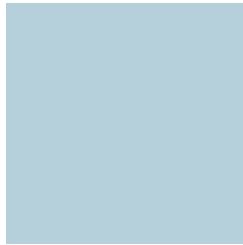
10.3629, 0.4104, 0.2034



0.6860, 0.3924, 0.1935

Previews

White Background



This preview shows how the Yxy color 60.0500, 0.2860, 0.3157 looks on a white background.

Color Contrast Check

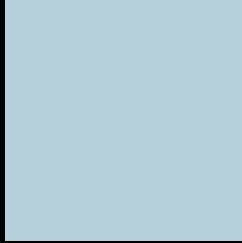
Large Text (above 18pt) WCAG AA × Fail

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 60.0500, 0.2860, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

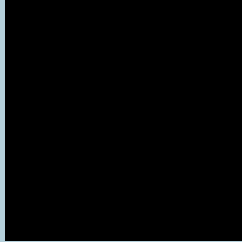
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

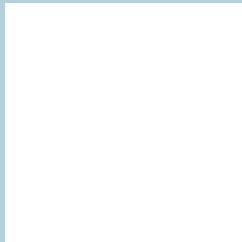
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0500, 0.2860, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 60.0500, 0.2860, 0.3157.

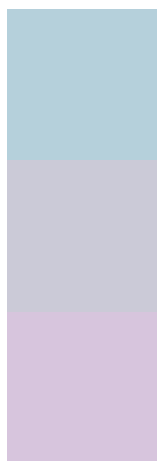


This preview shows how white text looks on a background with the Yxy color 60.0500, 0.2860, 0.3157.

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

60.0500, 0.2860, 0.3157

Protanopia

59.8439, 0.3043, 0.3139

Deuteranopia

59.6000, 0.3093, 0.3020



Tritanopia

59.9525, 0.2835, 0.3087

Trichromacy



Original Color

60.0500, 0.2860, 0.3157

Protanomaly

59.7457, 0.2977, 0.3149

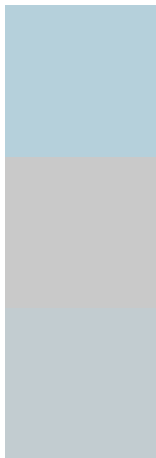
Deuteranomaly

59.6371, 0.3009, 0.3071

Tritanomaly

59.8447, 0.2848, 0.3110

Monochromacy



Original Color

60.0500, 0.2860, 0.3157

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2091, 0.3024, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0500, 0.2860, 0.3157 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(181, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 219)  
}
```

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(181, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.0500, 0.2860, 0.3157 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(181, 208, 219) }
```

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

```
.border{ border-color:rgb(181, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 208, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 208, 219); box-shadow:4px 4px 4px 4px rgb(181, 208, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0500, 0.2860, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 219) }
```

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

```
.background{ background-color: rgb(181,  
208, 219) }
```

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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