

Converting Colors

Yxy(60.0434, 0.2890, 0.3116)

Have a look what the booklet for
Yxy(60.0434, 0.2890, 0.3116)
contains.

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Color

Yxy(59.9279, 0.2888, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	BBCEDD
RGB	187, 206, 221
RGB Percent	73%, 81%, 87%
CMY	0.2666, 0.1921, 0.1334
CMYK	0.15, 0.07, 0.00, 0.13
HSL	206°, 33%, 80%
HSV	206°, 15%, 87%
XYZ	55.6143, 59.9279, 77.0281
YIQ	202.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

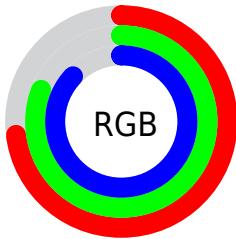
Format	Color
RYB	187, 199, 221
Decimal	12308189
CIELab	81.80, -3.35, -9.59
CIELCh	82, 10.156, 250.767
Yxy	59.9279, 0.2888, 0.3112
Android (android.graphics.Color)	4290498269 (0xFFBBCEDD)
YUV	202.0290, 9.3527, -13.1804
Hunter-Lab	77.4131, -7.2368, -4.8060

Details

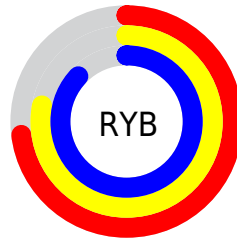
The Yxy color **59.9279, 0.2888, 0.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1887, 0.3389, 0.3462**, and the grayscale version is **59.0310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **30.1962, 0.2823, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **52.8089, 0.2728, 0.2980**, and if you desaturate by 10%, it is **67.7713, 0.3045, 0.3231**.

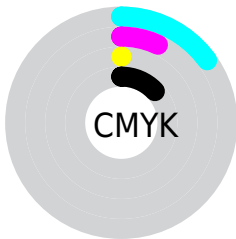
Distribution



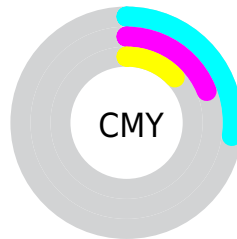
- Red (73%)
- Green (81%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9279, 0.2888, 0.3112 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 59.9279, 0.2888, 0.3112 by changing the saturation by 10% instead.

■ 59.9279, 0.2888,
0.3112

■ 59.9279, 0.2888,
0.3112

424.3320, 0.3002,
0.3198

■ 43.3605, 0.2861,
0.3092

■ 104.7251, 0.2928,
0.3142

■ 30.1681, 0.2828,
0.3066

133.7237, 0.2944,
0.3154

■ 19.9662, 0.2784,
0.3033

167.6348, 0.2957,
0.3164

■ 12.3705, 0.2727,
0.2988

206.8428, 0.2968,
0.3173

■ 6.9965, 0.2646,
0.2924

251.7321, 0.2978,
0.3180

■ 3.4599, 0.2525,
0.2827

302.6872, 0.2987,

■ 1.3763, 0.2325,

0.3187

0.2663

360.0923, 0.2995,
0.3193

0.1992, 0.0901,
0.1668

0.0000, 0.0000,
0.0000

59.9279, 0.2888,
0.3112

59.9279, 0.2888,
0.3112

52.8089, 0.2728,
0.2980

67.7713, 0.3045,
0.3231

46.3822, 0.2569,
0.2836

76.3551, 0.3197,
0.3338

40.6237, 0.2414,
0.2681

85.7039, 0.3342,
0.3433

35.5051, 0.2267,
0.2517

91.7629, 0.3341,
0.3526

■ 30.9953, 0.2134,
0.2347

■ 97.8109, 0.3328,
0.3619

■ 27.0598, 0.2018,
0.2174

■ 97.9994, 0.3328,
0.3621

■ 23.6594, 0.1923,
0.2003

■ 20.7469, 0.1851,
0.1837

■ 19.5307, 0.1823,
0.1762

Harmonies

Analogous

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



59.9279, 0.2881, 0.3203



59.9279, 0.2888, 0.3112



59.9279, 0.2958, 0.3070

Triad

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



59.9279, 0.2888, 0.3112



59.9279, 0.3319, 0.3255



59.9279, 0.3177, 0.3505

Complementary

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



59.9279, 0.2888, 0.3112



61.1887, 0.3389, 0.3462

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.



59.9279, 0.3297, 0.3516



59.9279, 0.2888, 0.3112



59.9279, 0.3380, 0.3368

Square

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



59.9279, 0.2888, 0.3112



59.9279, 0.3206, 0.3153



59.9279, 0.3372, 0.3464



59.9279, 0.3046, 0.3434

Rectangle

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



59.9279, 0.2888, 0.3112



59.9279, 0.3031, 0.3074



59.9279, 0.3372, 0.3464



59.9279, 0.3220, 0.3516

Sweetspot

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



59.9304, 0.2888, 0.3112



94.1283, 0.3050, 0.3235



66.5195, 0.3014, 0.3519



19.9752, 0.3039, 0.3227



0.0000, 0.0000, 0.0000



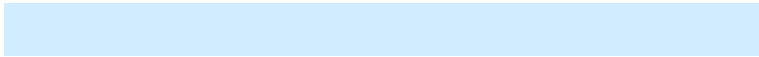
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9304, 0.2888, 0.3112



80.0748, 0.2844, 0.3077



52.2964, 0.2880, 0.2908



13.8191, 0.2982, 0.3184



11.5773, 0.1830, 0.1787



0.9207, 0.1904, 0.2055

Inverse Universe

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



55.3685, 0.3261, 0.3075



72.8949, 0.3289, 0.3034



69.4719, 0.3361, 0.3646



13.1729, 0.3205, 0.3160



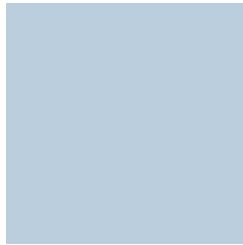
9.7925, 0.4701, 0.2363



0.6516, 0.4391, 0.2193

Previews

White Background



This preview shows how the Yxy color 59.9279, 0.2888, 0.3112 looks on a white background.

Color Contrast Check

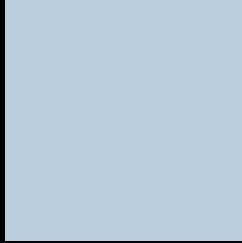
Large Text (above 18pt) WCAG AA × Fail

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 59.9279, 0.2888, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

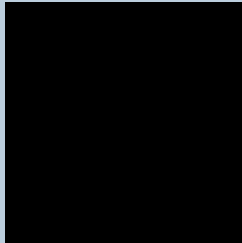
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

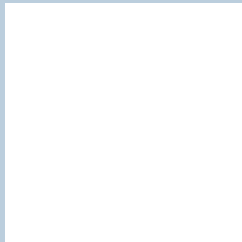
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9279, 0.2888, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 59.9279, 0.2888, 0.3112.



This preview shows how white text looks on a background with the Yxy color 59.9279, 0.2888, 0.3112.

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

59.9279, 0.2888, 0.3112

Protanopia

59.8596, 0.3015, 0.3105

Deuteranopia

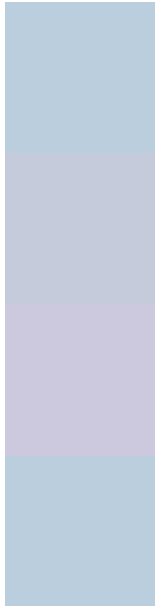
59.5564, 0.3071, 0.2998



Tritanopia

59.9813, 0.2881, 0.3100

Trichromacy



Original Color

59.9279, 0.2888, 0.3112

Protanomaly

59.6967, 0.2971, 0.3103

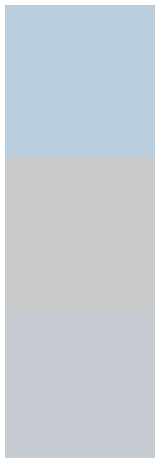
Deuteranomaly

59.4198, 0.3002, 0.3037

Tritanomaly

59.9813, 0.2881, 0.3100

Monochromacy



Original Color

59.9279, 0.2888, 0.3112

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1856, 0.3040, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9279, 0.2888, 0.3112 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(187, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 221)  
}
```

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(187, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 221) }
```

Border

The CSS property to change the border of an element to Yxy 59.9279, 0.2888, 0.3112 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(187, 206, 221) }
```

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

```
.border{ border-color:rgb(187, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9279, 0.2888, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 221) }
```

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

```
.background{ background-color: rgb(187,  
206, 221) }
```

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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