

Converting Colors

$Y_{xy}(56.1127, 0.2828, 0.3035)$

Have a look what the booklet for
Yxy(56.1127, 0.2828, 0.3035)
contains.

Yxy(56.1127, 0.2828, 0.3035)	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(56.1127, 0.2828, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	B3C8DD
RGB	179, 200, 221
RGB Percent	70%, 78%, 87%
CMY	0.2983, 0.2156, 0.1333
CMYK	0.19, 0.09, 0.00, 0.13
HSL	210°, 38%, 78%
HSV	210°, 19%, 87%
XYZ	52.2856, 56.1127, 76.4871
YIQ	196.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

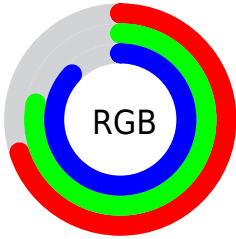
Format	Color
RYB	179, 193, 221
Decimal	11782365
CIELab	79.68, -2.72, -12.83
CIELCh	80, 13.112, 258.033
Yxy	56.1127, 0.2828, 0.3035
Android (android.graphics.Color)	4289972445 (0xFFB3C8DD)
YUV	196.1150, 12.2683, -15.0099
Hunter-Lab	74.9084, -6.4979, -8.1036

Details

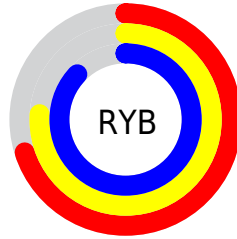
The Yxy color **56.1127, 0.2828, 0.3035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9004, 0.3455, 0.3532**, and the grayscale version is **55.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **27.7466, 0.2753, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **48.7652, 0.2665, 0.2880**, and if you desaturate by 10%, it is **64.2552, 0.2988, 0.3176**.

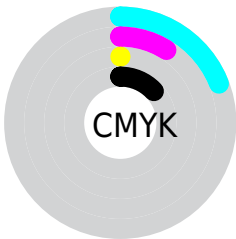
Distribution



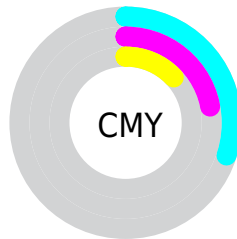
- Red (70%)
- Green (78%)
- Blue (87%)



- Red (70%)
- Yellow (76%)
- Blue (87%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1127, 0.2828, 0.3035 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 56.1127, 0.2828, 0.3035 by changing the saturation by 10% instead.

■ 56.1127, 0.2828,
0.3035

■ 56.1127, 0.2828,
0.3035

410.1161, 0.2972,
0.3159

■ 40.2933, 0.2794,
0.3005

■ 99.1693, 0.2879,
0.3079

■ 27.7673, 0.2751,
0.2968

127.1754, 0.2898,
0.3096

■ 18.1503, 0.2695,
0.2919

160.0124, 0.2915,
0.3110

■ 11.0580, 0.2621,
0.2853

198.0648, 0.2930,
0.3123

■ 6.1058, 0.2516,
0.2759

241.7169, 0.2942,
0.3133

■ 2.9095, 0.2357,
0.2616

291.3533, 0.2953,

■ 1.0847, 0.2091,

0.3143

0.2371

347.3582, 0.2963,
0.3151

0.0000, 0.0000,
0.0000

56.1127, 0.2828,
0.3035

56.1127, 0.2828,
0.3035

48.7652, 0.2665,
0.2880

64.2552, 0.2988,
0.3176

42.1779, 0.2501,
0.2711

73.2119, 0.3142,
0.3302

36.3236, 0.2341,
0.2530

83.0100, 0.3288,
0.3413

31.1702, 0.2191,
0.2339

91.2570, 0.3342,
0.3518

26.6826, 0.2055,
0.2144

98.0009, 0.3327,
0.3621

■ 22.8221, 0.1938,
0.1948

■ 19.5437, 0.1844,
0.1758

■ 16.7815, 0.1774,
0.1579

■ 16.5350, 0.1767,
0.1562

Harmonies

Analogous

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



56.1127, 0.2798, 0.3140



56.1127, 0.2828, 0.3035



56.1127, 0.2936, 0.3000

Triad

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



56.1127, 0.2828, 0.3035



56.1127, 0.3408, 0.3279



56.1127, 0.3149, 0.3560

Complementary

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



56.1127, 0.2828, 0.3035



59.9004, 0.3455, 0.3532

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.



56.1127, 0.3316, 0.3593



56.1127, 0.2828, 0.3035



56.1127, 0.3468, 0.3425

Square

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



56.1127, 0.2828, 0.3035



56.1127, 0.3271, 0.3139



56.1127, 0.3433, 0.3542



56.1127, 0.2981, 0.3448

Rectangle

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



56.1127, 0.2828, 0.3035



56.1127, 0.3040, 0.3018



56.1127, 0.3433, 0.3542



56.1127, 0.3207, 0.3581

Sweetspot

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



56.1150, 0.2828, 0.3035



92.4390, 0.3035, 0.3215



65.4301, 0.2975, 0.3553



19.6150, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



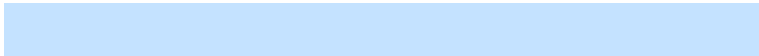
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1150, 0.2828, 0.3035



73.2541, 0.2760, 0.2972



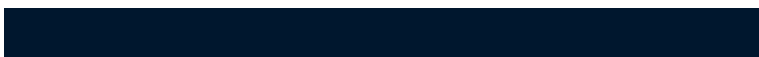
47.2942, 0.2813, 0.2779



13.6899, 0.2982, 0.3170



9.8315, 0.1775, 0.1589



0.8093, 0.1857, 0.1884

Inverse Universe

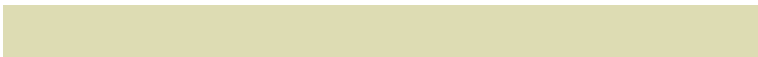
The Inverse Universe completely reimagines the original color for something new.



51.7599, 0.3319, 0.3048



66.3747, 0.3371, 0.2993



69.9738, 0.3414, 0.3755



13.1598, 0.3214, 0.3173



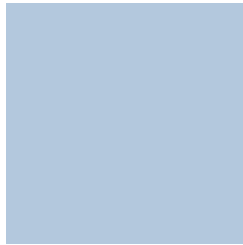
9.6163, 0.4945, 0.2498



0.6404, 0.4586, 0.2300

Previews

White Background



This preview shows how the Yxy color 56.1127, 0.2828, 0.3035 looks on a white background.

Color Contrast Check

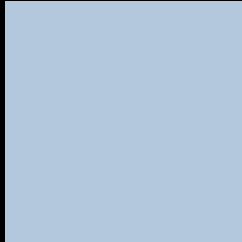
Large Text (above 18pt) WCAG AA × Fail

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 56.1127, 0.2828, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

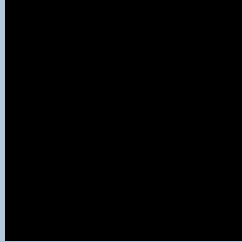
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

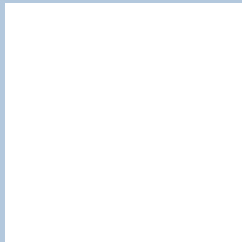
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1127, 0.2828, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 56.1127, 0.2828, 0.3035.



This preview shows how white text looks on a background with the Yxy color 56.1127, 0.2828, 0.3035.

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

56.1127, 0.2828, 0.3035

Protanopia

56.0111, 0.2955, 0.3029

Deuteranopia

55.8644, 0.2995, 0.2932



Tritanopia

56.2480, 0.2848, 0.3094

Trichromacy



Original Color

56.1127, 0.2828, 0.3035

Protanomaly

55.8658, 0.2912, 0.3027

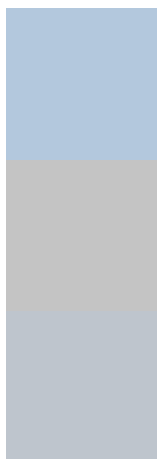
Deuteranomaly

55.9062, 0.2935, 0.2972

Tritanomaly

56.3002, 0.2841, 0.3082

Monochromacy



Original Color

56.1127, 0.2828, 0.3035

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2874, 0.3015, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1127, 0.2828, 0.3035 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(179, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 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(179, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.1127, 0.2828, 0.3035 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(179, 200, 221) }
```

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

```
.border{ border-color:rgb(179, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 200, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 200, 221); box-shadow:4px 4px 4px 4px rgb(179, 200, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1127, 0.2828, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 221) }
```

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

```
.background{ background-color: rgb(179,  
200, 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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