

Converting Colors

$Yxy(67.0147, 0.2779, 0.3110)$

Have a look what the booklet for
Yxy(67.0147, 0.2779, 0.3110)
contains.

Yxy(67.1296, 0.2780, 0.3116)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1296, 0.2780, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	B6DCEB
RGB	182, 220, 235
RGB Percent	71%, 86%, 92%
CMY	0.2861, 0.1373, 0.0783
CMYK	0.23, 0.06, 0.00, 0.08
HSL	197°, 57%, 82%
HSV	197°, 23%, 92%
XYZ	59.8910, 67.1296, 88.4146
YIQ	210.3480, -27.4630, -3.3910

Conversions

Conversions Part 2

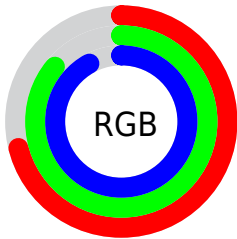
Format	Color
R _Y B	182, 204, 235
Decimal	11984107
CIE Lab	85.57, -9.14, -11.47
CIE LCh	86, 14.666, 231.445
Yxy	67.1296, 0.2780, 0.3116
Android (android.graphics.Color)	4290174187 (0xFFB6DCEB)
YUV	210.3480, 12.1534, -24.8612
Hunter-Lab	81.9327, -12.9026, -6.6278

Details

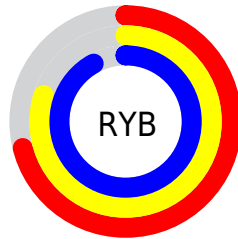
The Yxy color **67.1296, 0.2780, 0.3116** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.0161, 0.3553, 0.3457**, and the grayscale version is **64.6293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **34.7541, 0.2699, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **61.0746, 0.2631, 0.3027**, and if you desaturate by 10%, it is **73.8100, 0.2933, 0.3198**.

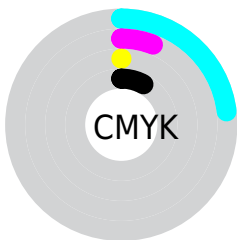
Distribution



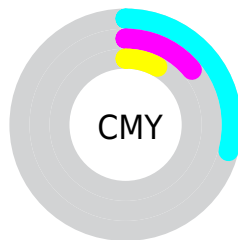
- Red (71%)
- Green (86%)
- Blue (92%)



- Red (71%)
- Yellow (80%)
- Blue (92%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1296, 0.2780, 0.3116 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 67.1296, 0.2780, 0.3116 by changing the saturation by 10% instead.

■ 67.1296, 0.2780,
0.3116

■ 67.1296, 0.2780,
0.3116

450.4059, 0.2941,
0.3199

■ 49.1900, 0.2743,
0.3096

■ 115.1061, 0.2836,
0.3146

■ 34.7702, 0.2698,
0.3071

145.9117, 0.2858,
0.3157

■ 23.4859, 0.2640,
0.3040

181.7748, 0.2876,
0.3167

■ 14.9527, 0.2564,
0.2997

223.0798, 0.2893,
0.3175

■ 8.7862, 0.2461,
0.2937

270.2110, 0.2907,
0.3182

■ 4.6020, 0.2313,
0.2847

323.5528, 0.2920,

■ 2.0157, 0.2083,

0.3189

0.2700

383.4897, 0.2931,
0.3194

0.6166, 0.1425,
0.2420

0.0000, 0.0000,
0.0000

67.1296, 0.2780,
0.3116

67.1296, 0.2780,
0.3116

61.0746, 0.2631,
0.3027

73.8100, 0.2933,
0.3198

55.6113, 0.2490,
0.2932

81.1314, 0.3088,
0.3272

50.7146, 0.2359,
0.2831

89.1191, 0.3241,
0.3339

46.3545, 0.2244,
0.2726

93.5787, 0.3252,
0.3404

■ 42.4970, 0.2147,
0.2618

■ 97.7240, 0.3245,
0.3467

■ 39.1034, 0.2069,
0.2510

■ 98.7795, 0.3244,
0.3483

■ 36.1275, 0.2011,
0.2403

■ 34.1260, 0.1979,
0.2324

Harmonies

Analogous

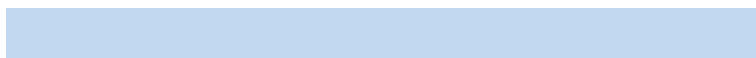
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.1296, 0.2828, 0.3272



67.1296, 0.2780, 0.3116



67.1296, 0.2821, 0.3013

Triad

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



67.1296, 0.2780, 0.3116



67.1296, 0.3298, 0.3147



67.1296, 0.3307, 0.3611

Complementary

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



67.1296, 0.2780, 0.3116



61.0161, 0.3553, 0.3457

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.



67.1296, 0.3440, 0.3565



67.1296, 0.2780, 0.3116



67.1296, 0.3435, 0.3296

Square

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



67.1296, 0.2780, 0.3116



67.1296, 0.3117, 0.3034



67.1296, 0.3487, 0.3448



67.1296, 0.3129, 0.3565

Rectangle

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



67.1296, 0.2780, 0.3116



67.1296, 0.2895, 0.2986



67.1296, 0.3487, 0.3448



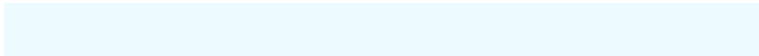
67.1296, 0.3359, 0.3605

Sweetspot

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



67.1323, 0.2780, 0.3116



93.5809, 0.3019, 0.3240



73.4153, 0.3009, 0.3737



19.9156, 0.3009, 0.3235



0.0000, 0.0000, 0.0000



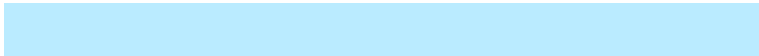
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1323, 0.2780, 0.3116



77.3592, 0.2711, 0.3076



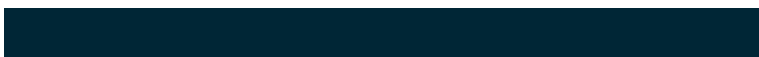
54.3247, 0.2756, 0.2799



16.3575, 0.2981, 0.3222



19.2162, 0.1984, 0.2341



1.6711, 0.2025, 0.2488

Inverse Universe

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



56.3097, 0.3271, 0.2881



62.4659, 0.3307, 0.2795



74.1133, 0.3492, 0.3737



15.2366, 0.3181, 0.3123



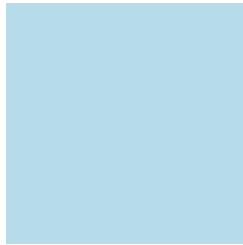
11.4327, 0.4084, 0.2023



0.9141, 0.3934, 0.1941

Previews

White Background



This preview shows how the Yxy color 67.1296, 0.2780, 0.3116 looks on a white background.

Color Contrast Check

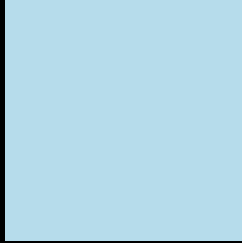
Large Text (above 18pt) WCAG AA × Fail

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 67.1296, 0.2780, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

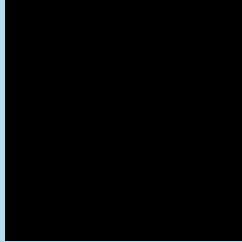
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1296, 0.2780, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 67.1296, 0.2780, 0.3116.

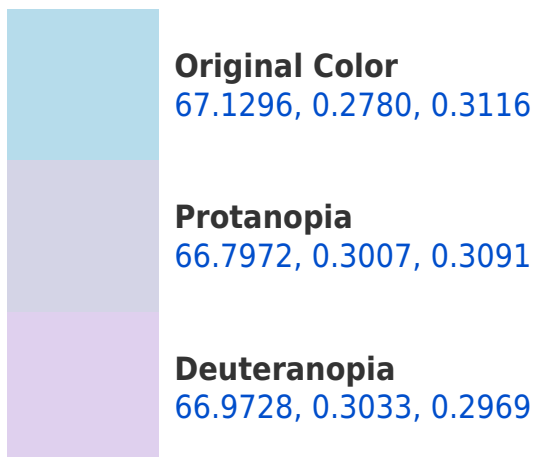


This preview shows how white text looks on a background with the Yxy color 67.1296, 0.2780, 0.3116.

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

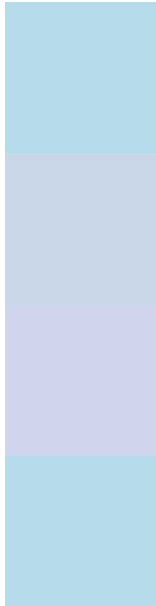




Tritanopia

67.2459, 0.2768, 0.3094

Trichromacy



Original Color

67.1296, 0.2780, 0.3116

Protanomaly

66.8446, 0.2918, 0.3099

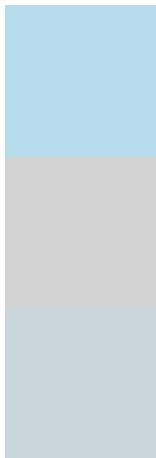
Deuteranomaly

66.6113, 0.2934, 0.3014

Tritanomaly

67.1876, 0.2774, 0.3105

Monochromacy



Original Color

67.1296, 0.2780, 0.3116

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4870, 0.2994, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1296, 0.2780, 0.3116 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(182, 220, 235)` looks like.

```
.text, #text, p{  
    color:rgb(182, 220, 235)  
}
```

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(182, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 220, 235) }
```

Border

The CSS property to change the border of an element to Yxy 67.1296, 0.2780, 0.3116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

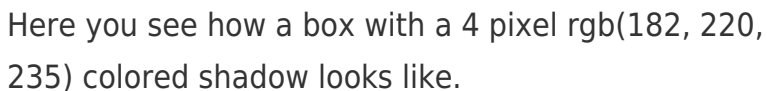
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 220, 235) }
```

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

```
.border{ border-color:rgb(182, 220, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 220, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 220, 235); box-shadow:4px 4px 4px 4px rgb(182, 220, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1296, 0.2780, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 220, 235) }
```

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

```
.background{ background-color: rgb(182,  
220, 235) }
```

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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