

Converting Colors

$Yxy(66.7120, 0.2860, 0.3075)$

Have a look what the booklet for
Yxy(66.7120, 0.2860, 0.3075)
contains.

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Color

Yxy(66.7120, 0.2860, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	C3D8EB
RGB	195, 216, 235
RGB Percent	76%, 85%, 92%
CMY	0.2354, 0.1529, 0.0785
CMYK	0.17, 0.08, 0.00, 0.08
HSL	208°, 50%, 84%
HSV	208°, 17%, 92%
XYZ	62.0476, 66.7120, 88.1900
YIQ	211.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

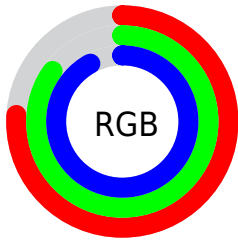
Format	Color
RYB	195, 209, 235
Decimal	12835051
CIELab	85.36, -3.15, -11.67
CIElCh	85, 12.091, 254.916
Yxy	66.7120, 0.2860, 0.3075
Android (android.graphics.Color)	4291025131 (0xFFC3D8EB)
YUV	211.8870, 11.3947, -14.8099
Hunter-Lab	81.6774, -7.3350, -6.8433

Details

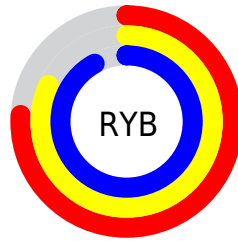
The Yxy color `66.7120, 0.2860, 0.3075` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69.6562, 0.3419, 0.3496`, and the grayscale version is `65.6888, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.4354, 0.3109, 0.3290`, and `34.4071, 0.2798, 0.3021` is the 20% darker color. If you saturate the color by 10%, you get `58.3126, 0.2698, 0.2930`, and if you desaturate by 10%, it is `75.9962, 0.3019, 0.3206`.

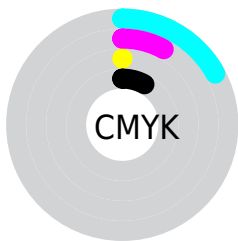
Distribution



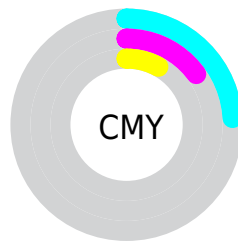
- Red (76%)
- Green (85%)
- Blue (92%)



- Red (76%)
- Yellow (82%)
- Blue (92%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7120, 0.2860, 0.3075 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 66.7120, 0.2860, 0.3075 by changing the saturation by 10% instead.

■ 66.7120, 0.2860,
0.3075

■ 66.7120, 0.2860,
0.3075

■ 448.9189, 0.2985,
0.3176

■ 48.8506, 0.2831,
0.3051

■ 114.5076, 0.2903,
0.3111

■ 34.5010, 0.2796,
0.3022

■ 145.2107, 0.2920,
0.3124

■ 23.2787, 0.2750,
0.2984

■ 180.9631, 0.2935,
0.3136

■ 14.7995, 0.2691,
0.2935

■ 222.1492, 0.2947,
0.3146

■ 8.6788, 0.2609,
0.2866

■ 269.1534, 0.2958,
0.3155

■ 4.5323, 0.2491,
0.2765

■ 322.3602, 0.2968,

■ 1.9755, 0.2304,

0.3163

0.2602

382.1539, 0.2977,
0.3170

0.5932, 0.1850,
0.2253

0.0000, 0.0000,
0.0000

66.7120, 0.2860,
0.3075

66.7120, 0.2860,
0.3075

58.3126, 0.2698,
0.2930

75.9962, 0.3019,
0.3206

50.7592, 0.2536,
0.2772

86.1859, 0.3172,
0.3323

44.0218, 0.2377,
0.2602

95.2731, 0.3249,
0.3430

38.0654, 0.2228,
0.2422

98.7772, 0.3244,
0.3483

■ 32.8515, 0.2092,
0.2237

■ 28.3373, 0.1974,
0.2050

■ 24.4740, 0.1879,
0.1866

■ 21.2005, 0.1808,
0.1691

■ 20.3158, 0.1789,
0.1641

Harmonies

Analogous

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



66.7120, 0.2842, 0.3173



66.7120, 0.2860, 0.3075



66.7120, 0.2948, 0.3037

Triad

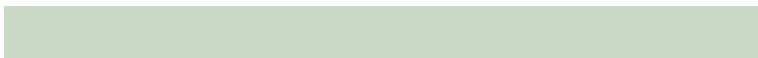
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7120, 0.2860, 0.3075



66.7120, 0.3362, 0.3267



66.7120, 0.3163, 0.3531

Complementary

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



66.7120, 0.2860, 0.3075



69.6562, 0.3419, 0.3496

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.



66.7120, 0.3305, 0.3552



66.7120, 0.2860, 0.3075



66.7120, 0.3422, 0.3396

Square

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



66.7120, 0.2860, 0.3075



66.7120, 0.3238, 0.3147



66.7120, 0.3400, 0.3501



66.7120, 0.3014, 0.3440

Rectangle

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



66.7120, 0.2860, 0.3075



66.7120, 0.3037, 0.3048



66.7120, 0.3400, 0.3501



66.7120, 0.3213, 0.3546

Sweetspot

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



66.7147, 0.2860, 0.3075



93.8664, 0.3050, 0.3231



75.8411, 0.2994, 0.3531



19.9115, 0.3039, 0.3222



0.0000, 0.0000, 0.0000



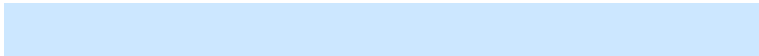
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7147, 0.2860, 0.3075



77.1133, 0.2811, 0.3032



57.2092, 0.2849, 0.2845



15.8605, 0.2981, 0.3175



11.5663, 0.1797, 0.1668



1.1007, 0.1864, 0.1909

Inverse Universe

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



61.6323, 0.3289, 0.3064



70.2056, 0.3323, 0.3021



80.2440, 0.3385, 0.3700



15.1865, 0.3211, 0.3167



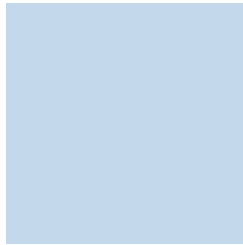
10.6604, 0.4846, 0.2443



0.8565, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 66.7120, 0.2860, 0.3075 looks on a white background.

Color Contrast Check

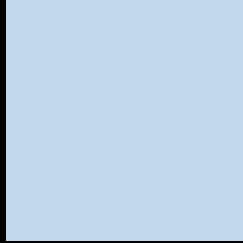
Large Text (above 18pt) WCAG AA × Fail

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 66.7120, 0.2860, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

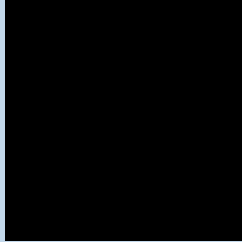
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

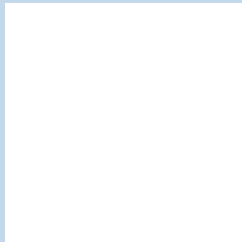
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7120, 0.2860, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 66.7120, 0.2860, 0.3075.



This preview shows how white text looks on a background with the Yxy color 66.7120, 0.2860, 0.3075.

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

66.7120, 0.2860, 0.3075

Protanopia

66.7620, 0.2987, 0.3069

Deuteranopia

66.4280, 0.3040, 0.2968



Tritanopia

66.5970, 0.2872, 0.3097

Trichromacy



Original Color

66.7120, 0.2860, 0.3075

Protanomaly

66.4508, 0.2939, 0.3067

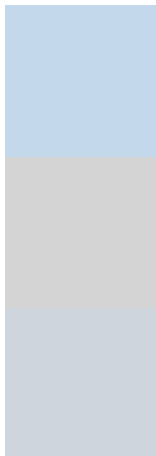
Deuteranomaly

66.2954, 0.2975, 0.3005

Tritanomaly

66.6543, 0.2866, 0.3086

Monochromacy



Original Color

66.7120, 0.2860, 0.3075

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8776, 0.3030, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7120, 0.2860, 0.3075 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(195, 216, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 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(195, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 235) }
```

Border

The CSS property to change the border of an element to Yxy 66.7120, 0.2860, 0.3075 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(195, 216, 235) }
```

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

```
.border{ border-color:rgb(195, 216, 235) }
```

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

Here you see how a box with a 4 pixel rgb(195, 216, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 216,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7120, 0.2860, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 235) }
```

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

```
.background{ background-color: rgb(195,  
216, 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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