

Converting Colors

$Yxy(70.4959, 0.2885, 0.3047)$

Have a look what the booklet for
Yxy(70.4959, 0.2885, 0.3047)
contains.

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Color

Yxy(70.5763, 0.2886, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	CDDCF2
RGB	205, 220, 242
RGB Percent	80%, 86%, 95%
CMY	0.1959, 0.1373, 0.0510
CMYK	0.15, 0.09, 0.00, 0.05
HSL	216°, 59%, 88%
HSV	216°, 15%, 95%
XYZ	66.8033, 70.5763, 94.0940
YIQ	218.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

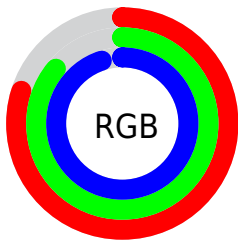
Format	Color
R _Y B	205, 216, 242
Decimal	13491442
CIE Lab	87.28, -0.61, -12.43
CIE LCh	87, 12.449, 267.171
Yxy	70.5763, 0.2886, 0.3049
Android (android.graphics.Color)	4291681522 (0xFFCDDCF2)
YUV	218.0230, 11.8207, -11.4212
Hunter-Lab	84.0097, -5.0764, -7.6002

Details

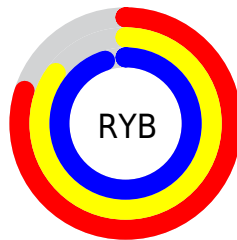
The Yxy color **70.5763, 0.2886, 0.3049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2404, 0.3379, 0.3520**, and the grayscale version is **70.0584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9395, 0.2824, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **60.1612, 0.2718, 0.2868**, and if you desaturate by 10%, it is **82.1809, 0.3046, 0.3212**.

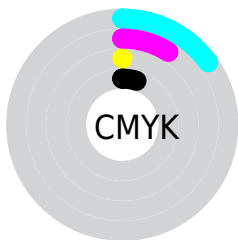
Distribution



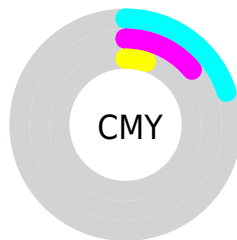
- Red (80%)
- Green (86%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5763, 0.2886, 0.3049 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 70.5763, 0.2886, 0.3049 by changing the saturation by 10% instead.

■ 70.5763, 0.2886,
0.3049

■ 70.5763, 0.2886,
0.3049

462.5709, 0.2998,
0.3161

■ 51.9965, 0.2861,
0.3023

120.0302, 0.2925,
0.3088

■ 37.0023, 0.2829,
0.2992

151.6732, 0.2940,
0.3103

■ 25.2093, 0.2789,
0.2952

188.4392, 0.2953,
0.3116

■ 16.2330, 0.2737,
0.2899

230.7129, 0.2964,
0.3127

■ 9.6892, 0.2666,
0.2828

278.8785, 0.2974,
0.3137

■ 5.1934, 0.2564,
0.2725

333.3204, 0.2983,

■ 2.3612, 0.2406,

0.3146

0.2564

394.4231, 0.2991,
0.3154

0.8058, 0.2125,
0.2280

0.0000, 0.0000,
0.0000

70.5763, 0.2886,
0.3049

70.5763, 0.2886,
0.3049

60.1612, 0.2718,
0.2868

82.1809, 0.3046,
0.3212

50.8861, 0.2545,
0.2669

95.0049, 0.3197,
0.3356

42.7107, 0.2372,
0.2454

99.1900, 0.3203,
0.3415

35.5887, 0.2204,
0.2227

■ 29.4696, 0.2048,
0.1994

■ 24.2984, 0.1910,
0.1762

■ 20.0128, 0.1797,
0.1540

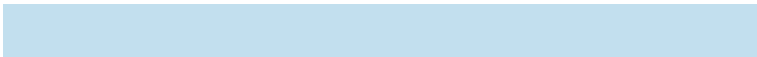
■ 16.5397, 0.1712,
0.1336

■ 15.1357, 0.1680,
0.1247

Harmonies

Analogous

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



70.5763, 0.2837, 0.3125



70.5763, 0.2886, 0.3049



70.5763, 0.2999, 0.3037

Triad

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



70.5763, 0.2886, 0.3049



70.5763, 0.3398, 0.3321



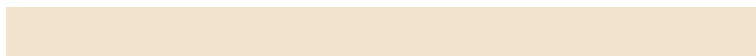
70.5763, 0.3100, 0.3503

Complementary

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



70.5763, 0.2886, 0.3049



78.2404, 0.3379, 0.3520

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.



70.5763, 0.3252, 0.3555



70.5763, 0.2886, 0.3049



70.5763, 0.3426, 0.3445

Square

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



70.5763, 0.2886, 0.3049



70.5763, 0.3296, 0.3192



70.5763, 0.3372, 0.3533



70.5763, 0.2959, 0.3389

Rectangle

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



70.5763, 0.2886, 0.3049



70.5763, 0.3097, 0.3066



70.5763, 0.3372, 0.3533



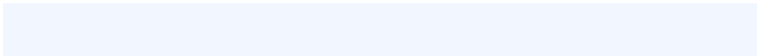
70.5763, 0.3152, 0.3529

Sweetspot

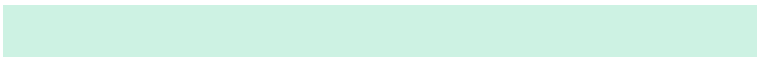
The Sweet Spot groups the original color and five complimentary colors.



70.5792, 0.2886, 0.3049



92.9146, 0.3050, 0.3216



82.0047, 0.2982, 0.3457



19.6804, 0.3039, 0.3205



0.0000, 0.0000, 0.0000



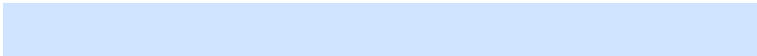
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5792, 0.2886, 0.3049



76.1002, 0.2840, 0.3000



63.5200, 0.2901, 0.2883



16.2791, 0.2980, 0.3146



8.3838, 0.1688, 0.1278



0.8877, 0.1760, 0.1537

Inverse Universe

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



67.7245, 0.3303, 0.3134



72.4936, 0.3341, 0.3104



86.2404, 0.3335, 0.3672



15.8649, 0.3230, 0.3195



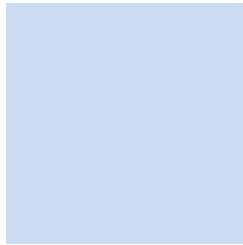
10.6397, 0.5358, 0.2725



0.9043, 0.5012, 0.2534

Previews

White Background



This preview shows how the Yxy color 70.5763, 0.2886, 0.3049 looks on a white background.

Color Contrast Check

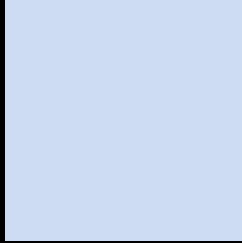
Large Text (above 18pt) WCAG AA × Fail

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 70.5763, 0.2886, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

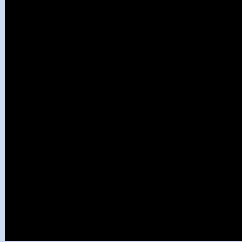
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

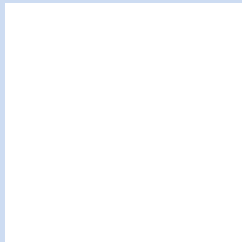
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5763, 0.2886, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 70.5763, 0.2886, 0.3049.



This preview shows how white text looks on a background with the Yxy color 70.5763, 0.2886, 0.3049.

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

70.5763, 0.2886, 0.3049

Protanopia

70.5159, 0.2971, 0.3042

Deuteranopia

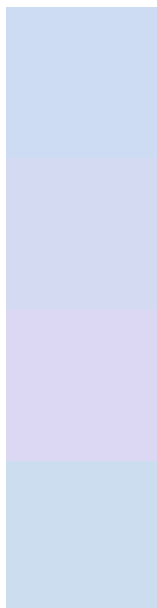
70.5535, 0.3035, 0.2975



Tritanopia

70.7233, 0.2904, 0.3102

Trichromacy



Original Color

70.5763, 0.2886, 0.3049

Protanomaly

70.4907, 0.2938, 0.3041

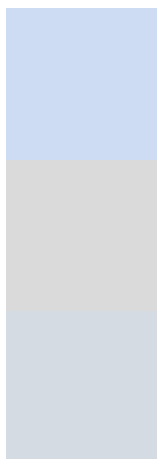
Deuteranomaly

70.7984, 0.2979, 0.3002

Tritanomaly

70.7823, 0.2898, 0.3092

Monochromacy



Original Color

70.5763, 0.2886, 0.3049

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3552, 0.3033, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5763, 0.2886, 0.3049 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(205, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 242)  
}
```

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(205, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 242) }
```

Border

The CSS property to change the border of an element to Yxy 70.5763, 0.2886, 0.3049 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(205, 220, 242) }
```

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

```
.border{ border-color:rgb(205, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5763, 0.2886, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 242) }
```

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

```
.background{ background-color: rgb(205,  
220, 242) }
```

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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