

Converting Colors

$Yxy(67.5304, 0.2921, 0.3025)$

Have a look what the booklet for
Yxy(67.5304, 0.2921, 0.3025)
contains.

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Color

Yxy(67.5316, 0.2921, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	CFD6EE
RGB	207, 214, 238
RGB Percent	81%, 84%, 93%
CMY	0.1883, 0.1608, 0.0666
CMYK	0.13, 0.10, 0.00, 0.07
HSL	226°, 48%, 87%
HSV	226°, 13%, 93%
XYZ	65.2099, 67.5316, 90.5035
YIQ	214.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

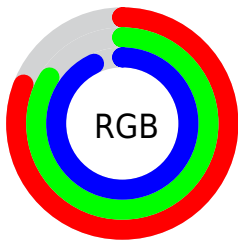
Format	Color
R _Y B	207, 213, 238
Decimal	13620974
CIE Lab	85.77, 2.32, -12.58
CIE LCh	86, 12.790, 280.444
Yxy	67.5316, 0.2921, 0.3025
Android (android.graphics.Color)	4291811054 (0xFFCFD6EE)
YUV	214.6430, 11.5150, -6.7029
Hunter-Lab	82.1776, -2.1669, -7.7727

Details

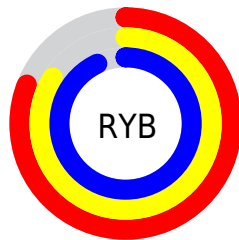
The Yxy color **67.5316, 0.2921, 0.3025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8360, 0.3332, 0.3542**, and the grayscale version is **67.6286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8491, 0.2867, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **55.5601, 0.2747, 0.2792**, and if you desaturate by 10%, it is **81.0794, 0.3081, 0.3232**.

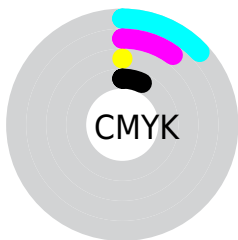
Distribution



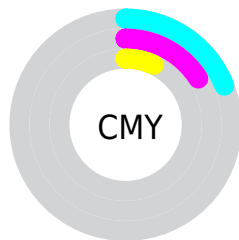
- Red (81%)
- Green (84%)
- Blue (93%)



- Red (81%)
- Yellow (84%)
- Blue (93%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5316, 0.2921, 0.3025 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 67.5316, 0.2921, 0.3025 by changing the saturation by 10% instead.

■ 67.5316, 0.2921,
0.3025

■ 67.5316, 0.2921,
0.3025

451.8347, 0.3018,
0.3148

■ 49.5168, 0.2899,
0.2997

115.6818, 0.2955,
0.3068

■ 35.0296, 0.2871,
0.2962

146.5860, 0.2968,
0.3084

■ 23.6857, 0.2836,
0.2917

182.5554, 0.2979,
0.3099

■ 15.1006, 0.2789,
0.2859

223.9744, 0.2989,
0.3111

■ 8.8900, 0.2725,
0.2780

271.2274, 0.2997,
0.3122

■ 4.6695, 0.2632,
0.2665

324.6989, 0.3005,

■ 2.0547, 0.2484,

0.3132

0.2485

384.7732, 0.3012,
0.3141

0.6390, 0.2201,
0.2119

0.0000, 0.0000,
0.0000

67.5316, 0.2921,
0.3025

67.5316, 0.2921,
0.3025

55.5601, 0.2747,
0.2792

81.0794, 0.3081,
0.3232

45.0983, 0.2562,
0.2535

96.2498, 0.3227,
0.3414

36.0876, 0.2370,
0.2258

98.9544, 0.3226,
0.3454

28.4618, 0.2178,
0.1967

■ 22.1498, 0.1995,
0.1674

■ 17.0734, 0.1833,
0.1393

■ 13.1457, 0.1701,
0.1142

■ 10.2665, 0.1606,
0.0934

■ 8.8006, 0.1561,
0.0820

Harmonies

Analogous

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



67.5316, 0.2838, 0.3075



67.5316, 0.2921, 0.3025



67.5316, 0.3060, 0.3043

Triad

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



67.5316, 0.2921, 0.3025



67.5316, 0.3433, 0.3382



67.5316, 0.3030, 0.3466

Complementary

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



67.5316, 0.2921, 0.3025



79.8360, 0.3332, 0.3542

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.



67.5316, 0.3188, 0.3552



67.5316, 0.2921, 0.3025



67.5316, 0.3424, 0.3499

Square

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



67.5316, 0.2921, 0.3025



67.5316, 0.3358, 0.3246



67.5316, 0.3333, 0.3563



67.5316, 0.2900, 0.3329

Rectangle

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



67.5316, 0.2921, 0.3025



67.5316, 0.3167, 0.3091



67.5316, 0.3333, 0.3563



67.5316, 0.3082, 0.3502

Sweetspot

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



67.5344, 0.2921, 0.3025



93.1844, 0.3066, 0.3213



80.1825, 0.2970, 0.3368



19.6783, 0.3055, 0.3198



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.



67.5344, 0.2921, 0.3025



74.5537, 0.2870, 0.2958



65.2782, 0.2977, 0.2952



15.8090, 0.2980, 0.3102



5.0683, 0.1568, 0.0843



0.5667, 0.1634, 0.1081

Inverse Universe

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



67.6539, 0.3314, 0.3216



74.8056, 0.3365, 0.3198



82.4475, 0.3265, 0.3618



15.8174, 0.3258, 0.3237



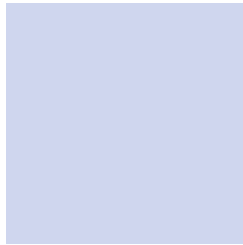
10.3050, 0.6001, 0.3079



0.8719, 0.5638, 0.2880

Previews

White Background



This preview shows how the Yxy color 67.5316, 0.2921, 0.3025 looks on a white background.

Color Contrast Check

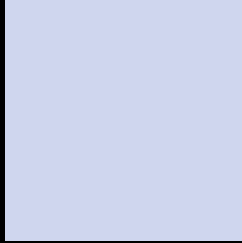
Large Text (above 18pt) WCAG AA × Fail

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 67.5316, 0.2921, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

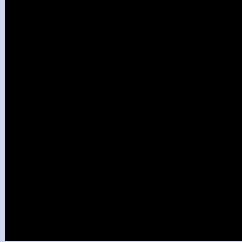
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5316, 0.2921, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 67.5316, 0.2921, 0.3025.

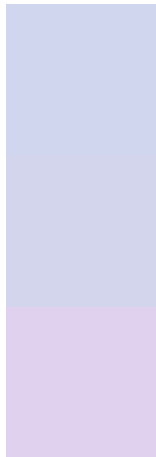


This preview shows how white text looks on a background with the Yxy color 67.5316, 0.2921, 0.3025.

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

67.5316, 0.2921, 0.3025

Protanopia

67.5518, 0.2955, 0.3027

Deuteranopia

67.6802, 0.3033, 0.2970



Tritanopia

67.5489, 0.2952, 0.3101

Trichromacy



Original Color

67.5316, 0.2921, 0.3025

Protanomaly

67.4046, 0.2948, 0.3026

Deuteranomaly

67.7260, 0.2991, 0.2988

Tritanomaly

67.6632, 0.2940, 0.3079

Monochromacy



Original Color

67.5316, 0.2921, 0.3025

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9256, 0.3052, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5316, 0.2921, 0.3025 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(207, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 238)  
}
```

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(207, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 238) }
```

Border

The CSS property to change the border of an element to Yxy 67.5316, 0.2921, 0.3025 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(207, 214, 238) }
```

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

```
.border{ border-color:rgb(207, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5316, 0.2921, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 238) }
```

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

```
.background{ background-color: rgb(207,  
214, 238) }
```

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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