

Converting Colors

Yxy(66.1711, 0.3003, 0.3144)

Have a look what the booklet for
Yxy(66.1711, 0.3003, 0.3144)
contains.

Yxy(66.3449, 0.2997, 0.3144)	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(66.3449, 0.2997, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	CFD5E2
RGB	207, 213, 226
RGB Percent	81%, 84%, 89%
CMY	0.1885, 0.1646, 0.1137
CMYK	0.08, 0.06, 0.00, 0.11
HSL	221°, 25%, 85%
HSV	221°, 8%, 89%
XYZ	63.2429, 66.3449, 81.4329
YIQ	212.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

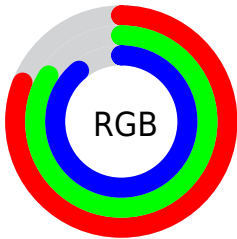
Format	Color
RYB	207, 212, 226
Decimal	13620706
CIELab	85.17, 0.42, -7.11
CIELCh	85, 7.120, 273.413
Yxy	66.3449, 0.2997, 0.3144
Android (android.graphics.Color)	4291810786 (0xFFCFD5E2)
YUV	212.6880, 6.5628, -4.9884
Hunter-Lab	81.4524, -3.9471, -2.2591

Details

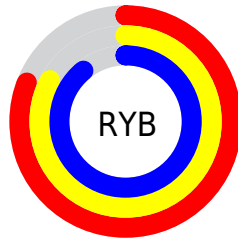
The Yxy color **66.3449, 0.2997, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8258, 0.3259, 0.3432**, and the grayscale version is **66.2762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1663, 0.2967, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **55.9400, 0.2832, 0.2951**, and if you desaturate by 10%, it is **77.9569, 0.3150, 0.3315**.

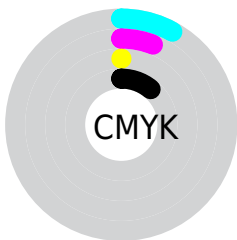
Distribution



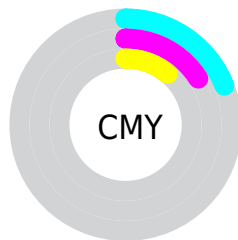
- Red (81%)
- Green (84%)
- Blue (89%)



- Red (81%)
- Yellow (83%)
- Blue (89%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3449, 0.2997, 0.3144 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 66.3449, 0.2997, 0.3144 by changing the saturation by 10% instead.

■ 66.3449, 0.2997,
0.3144

■ 66.3449, 0.2997,
0.3144

447.6094, 0.3058,
0.3213

■ 48.5524, 0.2983,
0.3128

113.9812, 0.3018,
0.3168

■ 34.2646, 0.2965,
0.3108

144.5939, 0.3027,
0.3177

■ 23.0969, 0.2942,
0.3083

180.2487, 0.3034,
0.3185

■ 14.6651, 0.2913,
0.3050

221.3301, 0.3040,
0.3192

■ 8.5847, 0.2871,
0.3003

268.2225, 0.3045,
0.3198

■ 4.4713, 0.2810,
0.2935

321.3102, 0.3050,

■ 1.9405, 0.2710,

0.3204

0.2825

380.9777, 0.3054,
0.3208

■ 0.5726, 0.2458,
0.2538

■ 0.0000, 0.0000,
0.0000

■ 66.3449, 0.2997,
0.3144

■ 66.3449, 0.2997,
0.3144

■ 55.9400, 0.2832,
0.2951

■ 77.9569, 0.3150,
0.3315

■ 46.6936, 0.2658,
0.2737

■ 90.8056, 0.3291,
0.3466

■ 38.5663, 0.2477,
0.2502

■ 98.2717, 0.3297,
0.3572

■ 31.5127, 0.2296,
0.2251

■ 25.4846, 0.2120,
0.1990

■ 20.4292, 0.1957,
0.1728

■ 16.2887, 0.1817,
0.1475

■ 12.9975, 0.1706,
0.1246

■ 10.4705, 0.1628,
0.1049

Harmonies

Analogous

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



66.3449, 0.2959, 0.3182



66.3449, 0.2997, 0.3144



66.3449, 0.3070, 0.3144

Triad

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



66.3449, 0.2997, 0.3144



66.3449, 0.3292, 0.3326



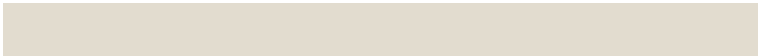
66.3449, 0.3094, 0.3402

Complementary

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



66.3449, 0.2997, 0.3144



71.8258, 0.3259, 0.3432

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.



66.3449, 0.3183, 0.3441



66.3449, 0.2997, 0.3144



66.3449, 0.3298, 0.3395

Square

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



66.3449, 0.2997, 0.3144



66.3449, 0.3241, 0.3248



66.3449, 0.3258, 0.3438



66.3449, 0.3014, 0.3332

Rectangle

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



66.3449, 0.2997, 0.3144



66.3449, 0.3129, 0.3166



66.3449, 0.3258, 0.3438



66.3449, 0.3123, 0.3419

Sweetspot

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



66.3477, 0.2997, 0.3144



95.2974, 0.3082, 0.3240



72.8064, 0.3037, 0.3361



20.1339, 0.3069, 0.3226



0.0000, 0.0000, 0.0000



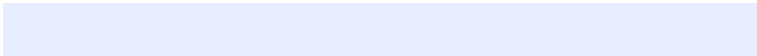
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3477, 0.2997, 0.3144



84.8924, 0.2971, 0.3114



63.8090, 0.3020, 0.3076



13.9528, 0.2981, 0.3126



5.9683, 0.1625, 0.1048



0.5714, 0.1711, 0.1358

Inverse Universe

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



65.5739, 0.3229, 0.3224



83.7269, 0.3251, 0.3210



74.5641, 0.3229, 0.3498



13.7722, 0.3242, 0.3216



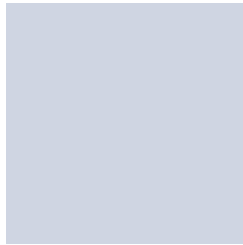
9.5105, 0.5686, 0.2906



0.6751, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 66.3449, 0.2997, 0.3144 looks on a white background.

Color Contrast Check

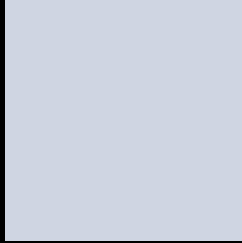
Large Text (above 18pt) WCAG AA × Fail

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 66.3449, 0.2997, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

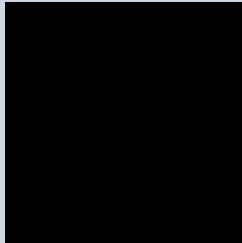
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

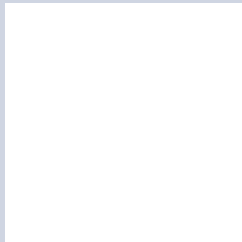
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3449, 0.2997, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 66.3449, 0.2997, 0.3144.

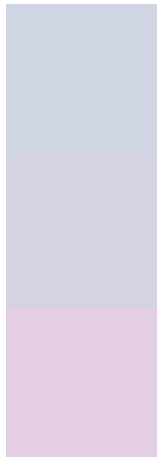


This preview shows how white text looks on a background with the Yxy color 66.3449, 0.2997, 0.3144.

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

66.3449, 0.2997, 0.3144

Protanopia

66.1709, 0.3047, 0.3134

Deuteranopia

66.0196, 0.3138, 0.3064



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.3449, 0.2997, 0.3144

Protanomaly

66.3721, 0.3032, 0.3145

Deuteranomaly

66.3626, 0.3085, 0.3093

Tritanomaly

65.9538, 0.2984, 0.3111

Monochromacy



Original Color

66.3449, 0.2997, 0.3144

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4993, 0.3079, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3449, 0.2997, 0.3144 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, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 226)  
}
```

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, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.3449, 0.2997, 0.3144 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, 213, 226) }
```

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

```
.border{ border-color:rgb(207, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3449, 0.2997, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 226) }
```

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

```
.background{ background-color: rgb(207,  
213, 226) }
```

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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