

Converting Colors

Yxy(66.5491, 0.2792, 0.3039)

Have a look what the booklet for
Yxy(66.5491, 0.2792, 0.3039)
contains.

Yxy(66.5491, 0.2792, 0.3039)	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(66.5491, 0.2792, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	BCD9EF
RGB	188, 217, 239
RGB Percent	74%, 85%, 94%
CMY	0.2626, 0.1490, 0.0627
CMYK	0.21, 0.09, 0.00, 0.06
HSL	206°, 61%, 84%
HSV	206°, 21%, 94%
XYZ	61.1402, 66.5491, 91.2942
YIQ	210.8370, -24.3460, 0.6940

Conversions

Conversions Part 2

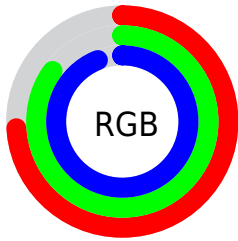
Format	Color
R _Y B	188, 206, 239
Decimal	12376559
CIE Lab	85.28, -4.92, -13.98
CIE LCh	85, 14.818, 250.627
Yxy	66.5491, 0.2792, 0.3039
Android (android.graphics.Color)	4290566639 (0xFFBCD9EF)
YUV	210.8370, 13.8844, -20.0280
Hunter-Lab	81.5776, -8.9800, -9.2476

Details

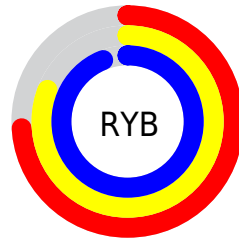
The Yxy color **66.5491, 0.2792, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1087, 0.3510, 0.3528**, and the grayscale version is **64.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **34.3279, 0.2712, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **58.6054, 0.2632, 0.2902**, and if you desaturate by 10%, it is **75.3340, 0.2951, 0.3164**.

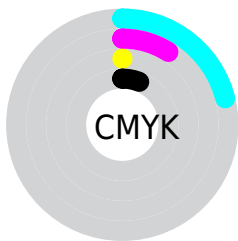
Distribution



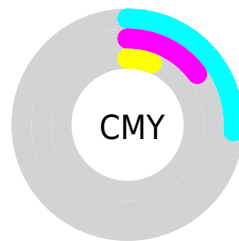
- Red (74%)
- Green (85%)
- Blue (94%)



- Red (74%)
- Yellow (81%)
- Blue (94%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5491, 0.2792, 0.3039 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 66.5491, 0.2792, 0.3039 by changing the saturation by 10% instead.

■ 66.5491, 0.2792,
0.3039

■ 66.5491, 0.2792,
0.3039

448.3381, 0.2948,
0.3158

■ 48.7183, 0.2756,
0.3011

■ 114.2741, 0.2846,
0.3081

■ 34.3961, 0.2712,
0.2977

144.9370, 0.2867,
0.3097

■ 23.1980, 0.2656,
0.2933

180.6462, 0.2885,
0.3111

■ 14.7398, 0.2582,
0.2874

221.7858, 0.2901,
0.3122

■ 8.6370, 0.2482,
0.2793

268.7405, 0.2915,
0.3133

■ 4.5052, 0.2337,
0.2675

321.8945, 0.2927,

■ 1.9600, 0.2113,

0.3142

0.2485

381.6322, 0.2938,
0.3150

0.5841, 0.1560,
0.2094

0.0000, 0.0000,
0.0000

66.5491, 0.2792,
0.3039

66.5491, 0.2792,
0.3039

58.6054, 0.2632,
0.2902

75.3340, 0.2951,
0.3164

51.4639, 0.2475,
0.2754

84.9809, 0.3107,
0.3276

45.0944, 0.2325,
0.2596

94.6088, 0.3226,
0.3377

39.4611, 0.2186,
0.2430

99.0128, 0.3220,
0.3444

■ 34.5243, 0.2064,
0.2261

■ 30.2394, 0.1962,
0.2091

■ 26.5540, 0.1882,
0.1925

■ 23.7744, 0.1830,
0.1786

Harmonies

Analogous

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



66.5491, 0.2783, 0.3166



66.5491, 0.2792, 0.3039



66.5491, 0.2888, 0.2982

Triad

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



66.5491, 0.2792, 0.3039



66.5491, 0.3397, 0.3239



66.5491, 0.3197, 0.3596

Complementary

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



66.5491, 0.2792, 0.3039



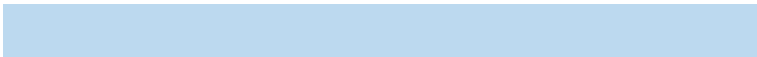
68.1087, 0.3510, 0.3528

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.



66.5491, 0.3366, 0.3609



66.5491, 0.2792, 0.3039



66.5491, 0.3485, 0.3397

Square

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



66.5491, 0.2792, 0.3039



66.5491, 0.3236, 0.3098



66.5491, 0.3473, 0.3533



66.5491, 0.3013, 0.3495

Rectangle

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



66.5491, 0.2792, 0.3039



66.5491, 0.2991, 0.2989



66.5491, 0.3473, 0.3533



66.5491, 0.3257, 0.3611

Sweetspot

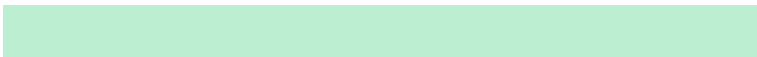
The Sweet Spot groups the original color and five complimentary colors.



66.5518, 0.2792, 0.3039



93.0680, 0.3034, 0.3225



77.0551, 0.2976, 0.3630



19.7637, 0.3024, 0.3218



0.0000, 0.0000, 0.0000



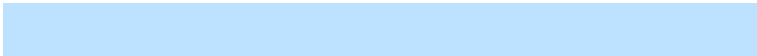
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5518, 0.2792, 0.3039



72.5887, 0.2716, 0.2975



54.7550, 0.2771, 0.2747



16.7190, 0.2980, 0.3185



13.4024, 0.1837, 0.1811



1.3123, 0.1896, 0.2024

Inverse Universe

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



59.3461, 0.3321, 0.2981



63.0370, 0.3375, 0.2909



81.2688, 0.3458, 0.3781



15.9093, 0.3204, 0.3157



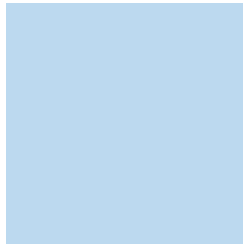
11.1463, 0.4672, 0.2347



0.9472, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 66.5491, 0.2792, 0.3039 looks on a white background.

Color Contrast Check

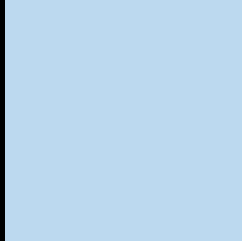
Large Text (above 18pt) WCAG AA × Fail

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 66.5491, 0.2792, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

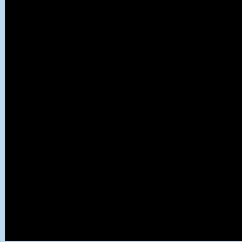
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

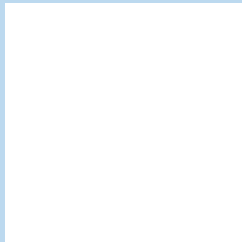
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5491, 0.2792, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 66.5491, 0.2792, 0.3039.



This preview shows how white text looks on a background with the Yxy color 66.5491, 0.2792, 0.3039.

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

66.5491, 0.2792, 0.3039

Protanopia

66.2883, 0.2960, 0.3025

Deuteranopia

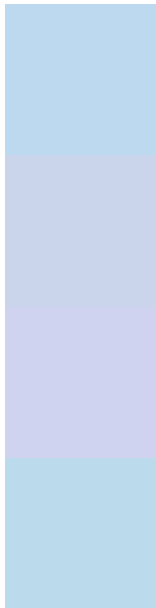
66.1922, 0.2992, 0.2925



Tritanopia

66.7058, 0.2810, 0.3095

Trichromacy



Original Color

66.5491, 0.2792, 0.3039

Protanomaly

66.2012, 0.2899, 0.3033

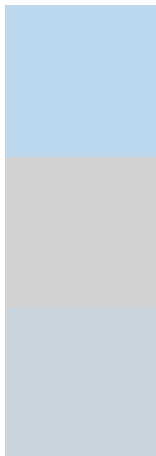
Deuteranomaly

66.2897, 0.2915, 0.2971

Tritanomaly

66.7637, 0.2804, 0.3084

Monochromacy



Original Color

66.5491, 0.2792, 0.3039

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5055, 0.3002, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5491, 0.2792, 0.3039 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(188, 217, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 217, 239)  
}
```

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(188, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 217, 239) }
```

Border

The CSS property to change the border of an element to Yxy 66.5491, 0.2792, 0.3039 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(188, 217, 239) }
```

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

```
.border{ border-color:rgb(188, 217, 239) }
```

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

Here you see how a box with a 4 pixel rgb(188, 217, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(188, 217,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5491, 0.2792, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 217, 239) }
```

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

```
.background{ background-color: rgb(188,  
217, 239) }
```

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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