

Converting Colors

Yxy(66.9593, 0.2918, 0.3310)

Have a look what the booklet for
Yxy(66.9593, 0.2918, 0.3310)
contains.

Yxy(66.9397, 0.2919, 0.3313)	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(66.9397, 0.2919, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BCDCDA
RGB	188, 220, 218
RGB Percent	74%, 86%, 85%
CMY	0.2629, 0.1372, 0.1451
CMYK	0.15, 0.00, 0.01, 0.14
HSL	176°, 31%, 80%
HSV	176°, 15%, 86%
XYZ	58.9789, 66.9397, 76.1330
YIQ	210.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

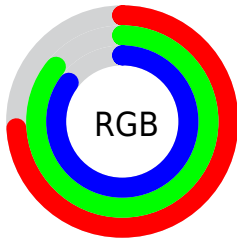
Format	Color
RYB	188, 205, 220
Decimal	12377306
CIELab	85.47, -10.91, -2.56
CIELCh	85, 11.211, 193.202
Yxy	66.9397, 0.2919, 0.3313
Android (android.graphics.Color)	4290567386 (0xFFBCDCDA)
YUV	210.2040, 3.8434, -19.4729
Hunter-Lab	81.8167, -14.5046, 2.1004

Details

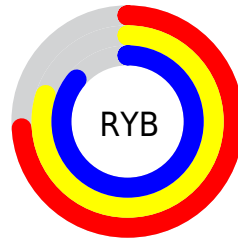
The Yxy color **66.9397, 0.2919, 0.3313** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8864, 0.3381, 0.3267**, and the grayscale version is **64.5702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **34.6229, 0.2867, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **64.2861, 0.2787, 0.3331**, and if you desaturate by 10%, it is **70.0254, 0.3060, 0.3297**.

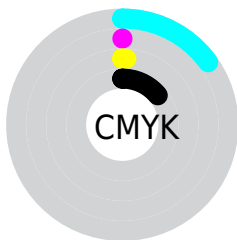
Distribution



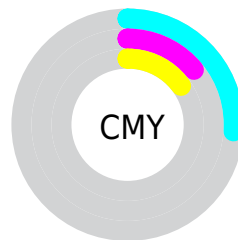
- Red (74%)
- Green (86%)
- Blue (85%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9397, 0.2919, 0.3313 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 66.9397, 0.2919, 0.3313 by changing the saturation by 10% instead.

 66.9397, 0.2919,
0.3313

 66.9397, 0.2919,
0.3313


449.7301, 0.3016,
0.3303

 49.0356, 0.2896,
0.3315


 114.8340, 0.2953,
0.3310

 34.6477, 0.2868,
0.3318


145.5930, 0.2966,
0.3308

 23.3917, 0.2833,
0.3321


181.4058, 0.2977,
0.3307

 14.8830, 0.2786,
0.3325

222.6568, 0.2987,
0.3306

 8.7373, 0.2721,
0.3330

269.7303, 0.2996,
0.3305

 4.5702, 0.2625,
0.3337

323.0107, 0.3004,

 1.9974, 0.2472,

0.3304

382.8825, 0.3010,
0.3304

0.3345

0.6059, 0.1764,
0.3454

0.0000, 0.0000,
0.0000

66.9397, 0.2919,
0.3313

66.9397, 0.2919,
0.3313

64.2861, 0.2787,
0.3331

70.0254, 0.3060,
0.3297

62.0370, 0.2666,
0.3349

73.5529, 0.3208,
0.3282

60.1746, 0.2560,
0.3369

77.5418, 0.3359,
0.3269

58.6762, 0.2472,
0.3390

77.8119, 0.3356,
0.3255

■ 57.5170, 0.2402,
0.3411

■ 77.8874, 0.3347,
0.3241

■ 56.6691, 0.2351,
0.3432

■ 77.9637, 0.3337,
0.3227

■ 56.1001, 0.2319,
0.3453

■ 78.0405, 0.3327,
0.3214

■ 55.7703, 0.2305,
0.3474

■ 78.1179, 0.3318,
0.3200

■ 55.6557, 0.2302,
0.3486

■ 78.1960, 0.3308,
0.3186

Harmonies

Analogous

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



66.9397, 0.3030, 0.3434



66.9397, 0.2919, 0.3313



66.9397, 0.2863, 0.3188

Triad

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



66.9397, 0.2919, 0.3313



66.9397, 0.3081, 0.3077



66.9397, 0.3383, 0.3482

Complementary

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



66.9397, 0.2919, 0.3313



54.8864, 0.3381, 0.3267

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.



66.9397, 0.3398, 0.3382



66.9397, 0.2919, 0.3313



66.9397, 0.3222, 0.3152

Square

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



66.9397, 0.2919, 0.3313



66.9397, 0.2955, 0.3055



66.9397, 0.3339, 0.3262



66.9397, 0.3298, 0.3532

Rectangle

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



66.9397, 0.2919, 0.3313



66.9397, 0.2864, 0.3121



66.9397, 0.3339, 0.3262



66.9397, 0.3397, 0.3453

Sweetspot

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



66.9425, 0.2919, 0.3313



98.0751, 0.3068, 0.3296



65.7837, 0.3124, 0.3675



20.9170, 0.3057, 0.3297



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.



66.9425, 0.2919, 0.3313



92.5098, 0.2884, 0.3317



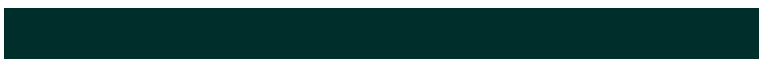
60.0584, 0.2901, 0.3125



14.8146, 0.2991, 0.3305



32.6650, 0.2301, 0.3482



2.1206, 0.2291, 0.3448

Inverse Universe

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



54.8864, 0.3381, 0.3267



73.0472, 0.3434, 0.3263



61.0193, 0.3374, 0.3450



13.0648, 0.3282, 0.3276



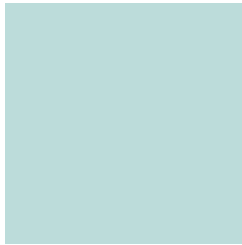
8.9540, 0.6329, 0.3260



0.5849, 0.6121, 0.3146

Previews

White Background



This preview shows how the Yxy color 66.9397, 0.2919, 0.3313 looks on a white background.

Color Contrast Check

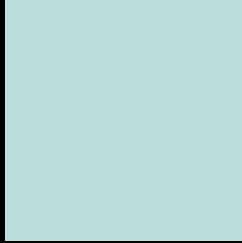
Large Text (above 18pt) WCAG AA × Fail

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 66.9397, 0.2919, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

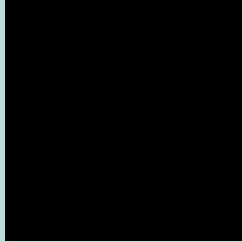
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

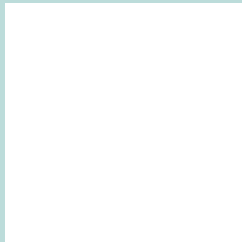
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9397, 0.2919, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 66.9397, 0.2919, 0.3313.

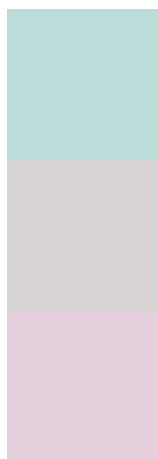


This preview shows how white text looks on a background with the Yxy color 66.9397, 0.2919, 0.3313.

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

66.9397, 0.2919, 0.3313

Protanopia

66.6428, 0.3157, 0.3279

Deuteranopia

66.6691, 0.3202, 0.3139



Tritanopia

66.7002, 0.2835, 0.3085

Trichromacy



Original Color

66.9397, 0.2919, 0.3313

Protanomaly

66.6290, 0.3062, 0.3290

Deuteranomaly

66.7013, 0.3095, 0.3201

Tritanomaly

66.7471, 0.2865, 0.3163

Monochromacy



Original Color

66.9397, 0.2919, 0.3313

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4538, 0.3047, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9397, 0.2919, 0.3313 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, 220, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 218)  
}
```

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, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.9397, 0.2919, 0.3313 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, 220, 218) }
```

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

```
.border{ border-color:rgb(188, 220, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9397, 0.2919, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 218) }
```

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

```
.background{ background-color: rgb(188,  
220, 218) }
```

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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