

Converting Colors

$Y_{xy}(67.2725, 0.2945, 0.3324)$

Have a look what the booklet for
Yxy(67.2725, 0.2945, 0.3324)
contains.

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Color

Yxy(67.2725, 0.2945, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	BFDCD9
RGB	191, 220, 217
RGB Percent	75%, 86%, 85%
CMY	0.2511, 0.1372, 0.1489
CMYK	0.13, 0.00, 0.01, 0.14
HSL	174°, 29%, 81%
HSV	174°, 13%, 86%
XYZ	59.6021, 67.2725, 75.5095
YIQ	210.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

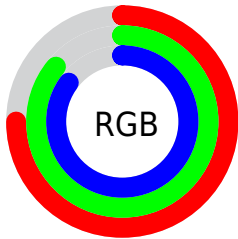
Format	Color
R _Y B	191, 206, 220
Decimal	12573913
CIE Lab	85.64, -10.14, -1.79
CIE LCh	86, 10.297, 189.983
Yxy	67.2725, 0.2945, 0.3324
Android (android.graphics.Color)	4290763993 (0xFFBFDCD9)
YUV	210.9870, 2.9644, -17.5286
Hunter-Lab	82.0198, -13.8223, 2.8300

Details

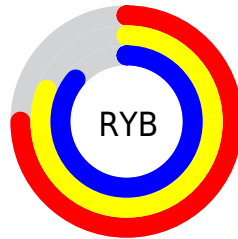
The Yxy color $67.2725, 0.2945, 0.3324$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $56.3620, 0.3344, 0.3256$, and the grayscale version is $65.1207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6965, 0.3084, 0.3290$, and $34.8373, 0.2901, 0.3336$ is the 20% darker color. If you saturate the color by 10%, you get $64.5177, 0.2816, 0.3353$, and if you desaturate by 10%, it is $70.4630, 0.3082, 0.3298$.

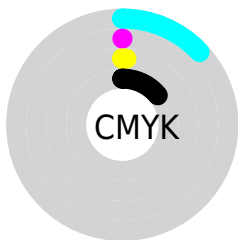
Distribution



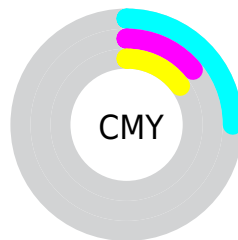
- Red (75%)
- Green (86%)
- Blue (85%)



- Red (75%)
- Yellow (81%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2725, 0.2945, 0.3324 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 67.2725, 0.2945, 0.3324 by changing the saturation by 10% instead.

■ 67.2725, 0.2945,
0.3324

■ 67.2725, 0.2945,
0.3324

450.9141, 0.3030,
0.3309

■ 49.3061, 0.2925,
0.3327

■ 115.3108, 0.2975,
0.3319

■ 34.8624, 0.2901,
0.3332

146.1515, 0.2986,
0.3317

■ 23.5569, 0.2869,
0.3337

182.0524, 0.2996,
0.3315

■ 15.0052, 0.2828,
0.3344

223.3979, 0.3005,
0.3313

■ 8.8231, 0.2771,
0.3353

270.5725, 0.3012,
0.3312

■ 4.6260, 0.2688,
0.3367

323.9604, 0.3019,

■ 2.0295, 0.2553,

0.3311

383.9462, 0.3025,
0.3310

0.3386

0.6245, 0.1949,
0.3518

0.0000, 0.0000,
0.0000

67.2725, 0.2945,
0.3324

67.2725, 0.2945,
0.3324

64.5177, 0.2816,
0.3353

70.4630, 0.3082,
0.3298

62.1710, 0.2698,
0.3383


74.0985, 0.3224,
0.3274

60.2149, 0.2593,
0.3416

77.8212, 0.3355,
0.3253


58.6270, 0.2505,
0.3450


77.9443, 0.3339,
0.3230


 57.3828, 0.2435,
0.3485


 78.0690, 0.3323,
0.3208

 56.4550, 0.2384,
0.3520


 78.1953, 0.3308,
0.3185

 55.8116, 0.2353,
0.3555

 78.3233, 0.3292,
0.3163

 55.4146, 0.2339,
0.3591

 78.4529, 0.3277,
0.3141

 55.2423, 0.2337,
0.3614

 78.5842, 0.3261,
0.3119

Harmonies

Analogous

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



67.2725, 0.3051, 0.3433



67.2725, 0.2945, 0.3324



67.2725, 0.2888, 0.3208

Triad

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



67.2725, 0.2945, 0.3324



67.2725, 0.3072, 0.3089



67.2725, 0.3367, 0.3458

Complementary

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



67.2725, 0.2945, 0.3324



56.3620, 0.3344, 0.3256

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.



67.2725, 0.3373, 0.3364



67.2725, 0.2945, 0.3324



67.2725, 0.3201, 0.3154

Square

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



67.2725, 0.2945, 0.3324



67.2725, 0.2959, 0.3076



67.2725, 0.3312, 0.3253



67.2725, 0.3295, 0.3509

Rectangle

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



67.2725, 0.2945, 0.3324



67.2725, 0.2884, 0.3144



67.2725, 0.3312, 0.3253



67.2725, 0.3377, 0.3430

Sweetspot

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



67.2753, 0.2945, 0.3324



98.0494, 0.3070, 0.3300



66.4687, 0.3135, 0.3634



20.9105, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



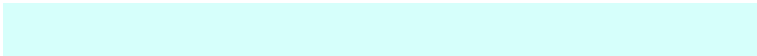
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2753, 0.2945, 0.3324



92.7998, 0.2906, 0.3332



61.7832, 0.2923, 0.3159



14.8054, 0.2996, 0.3314



32.4283, 0.2336, 0.3609



2.1076, 0.2320, 0.3552

Inverse Universe

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



56.3620, 0.3344, 0.3256



74.5365, 0.3401, 0.3249



61.2684, 0.3350, 0.3418



13.0731, 0.3276, 0.3266



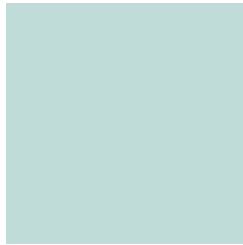
8.9729, 0.6274, 0.3230



0.5888, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 67.2725, 0.2945, 0.3324 looks on a white background.

Color Contrast Check

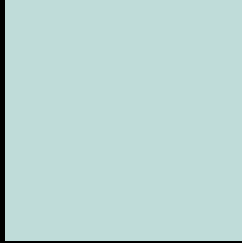
Large Text (above 18pt) WCAG AA × Fail

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 67.2725, 0.2945, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

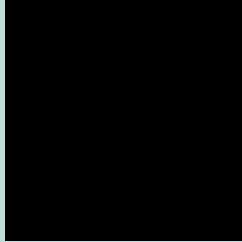
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

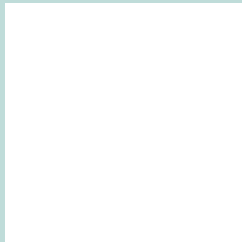
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2725, 0.2945, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 67.2725, 0.2945, 0.3324.

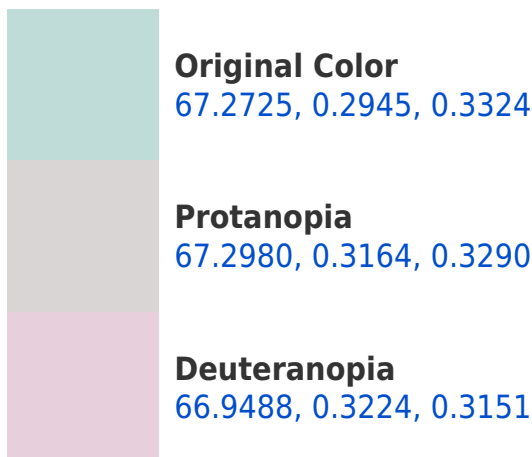


This preview shows how white text looks on a background with the Yxy color 67.2725, 0.2945, 0.3324.

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

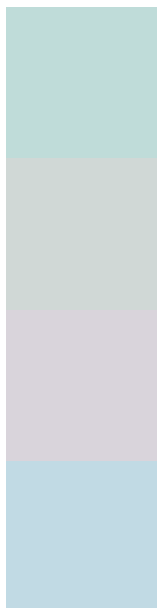




Tritanopia

67.0932, 0.2854, 0.3086

Trichromacy



Original Color

67.2725, 0.2945, 0.3324

Protanomaly

67.3767, 0.3083, 0.3313

Deuteranomaly

66.9532, 0.3116, 0.3212

Tritanomaly

67.0817, 0.2890, 0.3175

Monochromacy



Original Color

67.2725, 0.2945, 0.3324

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7346, 0.3061, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2725, 0.2945, 0.3324 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(191, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 220, 217)  
}
```

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(191, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 220, 217) }
```

Border

The CSS property to change the border of an element to Yxy 67.2725, 0.2945, 0.3324 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(191, 220, 217) }
```

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

```
.border{ border-color:rgb(191, 220, 217) }
```

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

Here you see how a box with a 4 pixel rgb(191, 220, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 220,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2725, 0.2945, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 220, 217) }
```

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

```
.background{ background-color: rgb(191,  
220, 217) }
```

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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