

Converting Colors

Yxy(67.5843, 0.2917, 0.3481)

Have a look what the booklet for
Yxy(67.5843, 0.2917, 0.3481)
contains.

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Color

Yxy(67.3304, 0.2916, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	B2E0D0
RGB	178, 224, 208
RGB Percent	70%, 88%, 82%
CMY	0.3019, 0.1216, 0.1844
CMYK	0.21, 0.00, 0.07, 0.12
HSL	159°, 43%, 79%
HSV	159°, 21%, 88%
XYZ	56.4020, 67.3304, 69.6902
YIQ	208.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

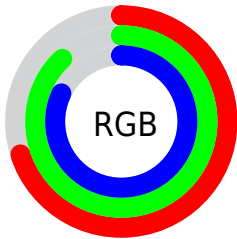
Format	Color
RYB	178, 206, 224
Decimal	11722960
CIELab	85.67, -18.07, 2.94
CIELCh	86, 18.305, 170.773
Yxy	67.3304, 0.2916, 0.3481
Android (android.graphics.Color)	4289913040 (0xFFB2E0D0)
YUV	208.4220, -0.2080, -26.6801
Hunter-Lab	82.0551, -20.9013, 7.0830

Details

The Yxy color **67.3304, 0.2916, 0.3481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.5909, 0.3397, 0.3107**, and the grayscale version is **63.3796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **35.0690, 0.2865, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **64.5214, 0.2822, 0.3588**, and if you desaturate by 10%, it is **70.5965, 0.3017, 0.3383**.

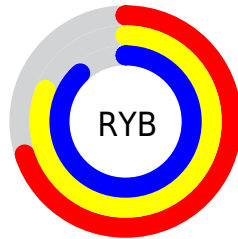
Distribution



Red (70%)

Green (88%)

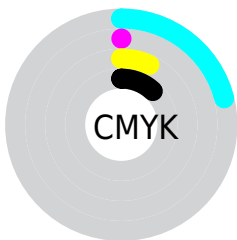
Blue (82%)



Red (70%)

Yellow (81%)

Blue (88%)

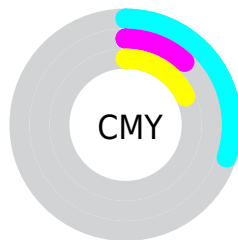


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3304, 0.2916, 0.3481 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 67.3304, 0.2916, 0.3481 by changing the saturation by 10% instead.

 67.3304, 0.2916,
0.3481

 67.3304, 0.2916,
0.3481


451.1199, 0.3016,
0.3390

 49.3532, 0.2893,
0.3502


 115.3937, 0.2951,
0.3449

 34.8997, 0.2864,
0.3529


146.2486, 0.2964,
0.3437

 23.5856, 0.2827,
0.3563


182.1648, 0.2976,
0.3426

 15.0265, 0.2777,
0.3609

223.5268, 0.2986,
0.3417

 8.8380, 0.2709,
0.3674

270.7189, 0.2995,
0.3409

 4.6357, 0.2607,
0.3770

324.1255, 0.3003,

 2.0351, 0.2441,

0.3402

384.1311, 0.3009,
0.3396

0.3932

0.6278, 0.1233,
0.4976

0.0000, 0.0000,
0.0000

67.3304, 0.2916,
0.3481

67.3304, 0.2916,
0.3481

64.5214, 0.2822,
0.3588

70.5965, 0.3017,
0.3383

62.1400, 0.2738,
0.3705


74.3312, 0.3122,
0.3294

60.1658, 0.2666,
0.3829


78.5558, 0.3228,
0.3215

58.5738, 0.2611,
0.3959


80.8161, 0.3245,
0.3141


 57.3358, 0.2574,
0.4093


 81.2876, 0.3193,
0.3065

 56.4197, 0.2557,
0.4228

 81.7793, 0.3143,
0.2991

 55.7875, 0.2561,
0.4362

 81.7929, 0.3141,
0.2989

 55.3883, 0.2580,
0.4487

Harmonies

Analogous

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



67.3304, 0.3134, 0.3639



67.3304, 0.2916, 0.3481



67.3304, 0.2758, 0.3270

Triad

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



67.3304, 0.2916, 0.3481



67.3304, 0.2893, 0.2913



67.3304, 0.3577, 0.3480

Complementary

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



67.3304, 0.2916, 0.3481



51.5909, 0.3397, 0.3107

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.



67.3304, 0.3509, 0.3291



67.3304, 0.2916, 0.3481



67.3304, 0.3108, 0.2972

Square

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



67.3304, 0.2916, 0.3481



67.3304, 0.2745, 0.2947



67.3304, 0.3335, 0.3108



67.3304, 0.3519, 0.3629

Rectangle

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



67.3304, 0.2916, 0.3481



67.3304, 0.2705, 0.3135



67.3304, 0.3335, 0.3108



67.3304, 0.3568, 0.3419

Sweetspot

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



67.3332, 0.2916, 0.3481



96.8744, 0.3063, 0.3342



68.0118, 0.3214, 0.3837



20.6653, 0.3057, 0.3348



0.0000, 0.0000, 0.0000



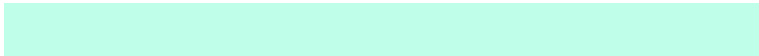
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3332, 0.2916, 0.3481



88.5007, 0.2871, 0.3530



64.5285, 0.2816, 0.3208



15.4870, 0.3028, 0.3373



32.2616, 0.2574, 0.4467



2.2529, 0.2518, 0.4263

Inverse Universe

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



51.5909, 0.3397, 0.3107



63.4576, 0.3475, 0.3063



53.7244, 0.3521, 0.3371



13.7790, 0.3238, 0.3209



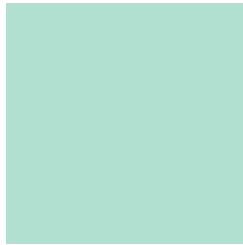
9.5641, 0.5575, 0.2845



0.6794, 0.5145, 0.2608

Previews

White Background



This preview shows how the Yxy color 67.3304, 0.2916, 0.3481 looks on a white background.

Color Contrast Check

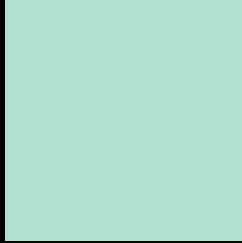
Large Text (above 18pt) WCAG AA × Fail

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 67.3304, 0.2916, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

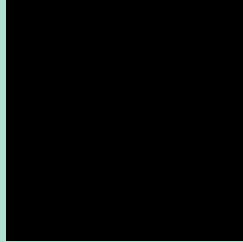
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

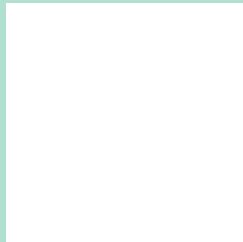
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3304, 0.2916, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 67.3304, 0.2916, 0.3481.

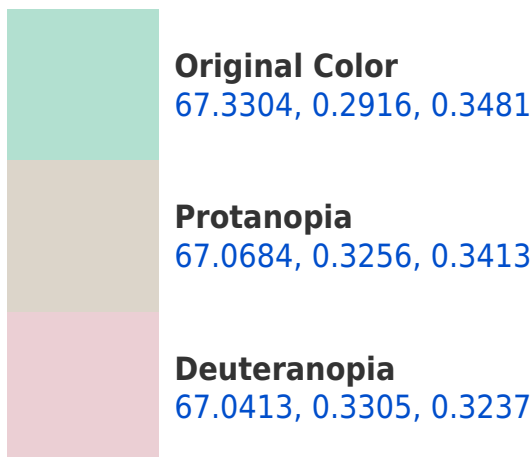


This preview shows how white text looks on a background with the Yxy color 67.3304, 0.2916, 0.3481.

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

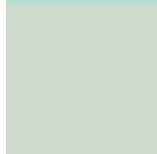
67.4912, 0.2781, 0.3095

Trichromacy



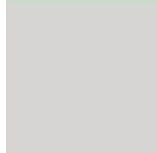
Original Color

67.3304, 0.2916, 0.3481



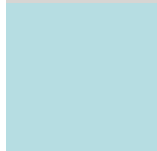
Protanomaly

66.9645, 0.3127, 0.3439



Deuteranomaly

66.5878, 0.3148, 0.3313



Tritanomaly

67.1490, 0.2833, 0.3231

Monochromacy



Original Color

67.3304, 0.2916, 0.3481



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.5175, 0.3044, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3304, 0.2916, 0.3481 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(178, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 208)  
}
```

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(178, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.3304, 0.2916, 0.3481 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(178, 224, 208) }
```

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

```
.border{ border-color:rgb(178, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3304, 0.2916, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 208) }
```

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

```
.background{ background-color: rgb(178,  
224, 208) }
```

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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