

Converting Colors

$Yxy(67.4943, 0.2907, 0.3477)$

Have a look what the booklet for
Yxy(67.4943, 0.2907, 0.3477)
contains.

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Color

Yxy(67.2619, 0.2903, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	B1E0D1
RGB	177, 224, 209
RGB Percent	69%, 88%, 82%
CMY	0.3061, 0.1215, 0.1803
CMYK	0.21, 0.00, 0.07, 0.12
HSL	161°, 43%, 79%
HSV	161°, 21%, 88%
XYZ	56.2875, 67.2619, 70.3448
YIQ	208.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

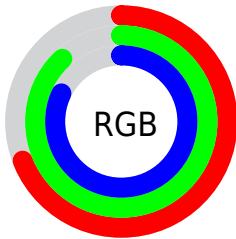
Format	Color
RYB	177, 205, 224
Decimal	11657425
CIELab	85.64, -18.20, 2.34
CIELCh	86, 18.353, 172.683
Yxy	67.2619, 0.2903, 0.3469
Android (android.graphics.Color)	4289847505 (0xFFB1E0D1)
YUV	208.2370, 0.3762, -27.3948
Hunter-Lab	82.0134, -21.0151, 6.5549

Details

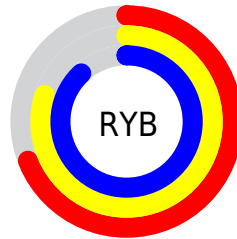
The Yxy color **67.2619, 0.2903, 0.3469** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0766, 0.3417, 0.3118**, and the grayscale version is **63.2427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **35.0276, 0.2850, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **64.5016, 0.2806, 0.3567**, and if you desaturate by 10%, it is **70.4754, 0.3007, 0.3379**.

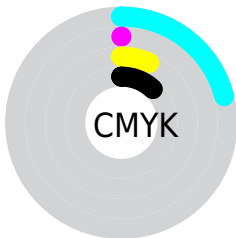
Distribution



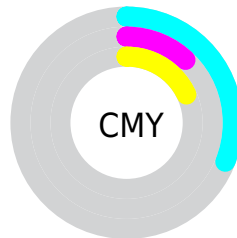
- Red (69%)
- Green (88%)
- Blue (82%)



- Red (69%)
- Yellow (80%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)





- Cyan (31%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2619, 0.2903, 0.3469 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 67.2619, 0.2903, 0.3469 by changing the saturation by 10% instead.


 67.2619, 0.2903,
0.3469

 67.2619, 0.2903,
0.3469


450.8764, 0.3009,
0.3384

 49.2975, 0.2878,
0.3489


 115.2956, 0.2940,
0.3439

 34.8555, 0.2848,
0.3514


146.1337, 0.2954,
0.3428

 23.5516, 0.2809,
0.3546


182.0318, 0.2967,
0.3418

 15.0013, 0.2757,
0.3588

223.3743, 0.2977,
0.3409

 8.8203, 0.2684,
0.3648

270.5457, 0.2986,
0.3402

 4.6242, 0.2577,
0.3738


323.9302, 0.2995,

 2.0285, 0.2403,


0.3395


0.3886


383.9123, 0.3002,
0.3389

 0.6239, 0.1154,
0.4842


 0.0000, 0.0000,
0.0000


 67.2619, 0.2903,
0.3469


 67.2619, 0.2903,
0.3469


 64.5016, 0.2806,
0.3567


 70.4754, 0.3007,
0.3379

 62.1649, 0.2719,
0.3673

 74.1534, 0.3116,
0.3298

 60.2315, 0.2646,
0.3786

 78.3176, 0.3227,
0.3225

 58.6761, 0.2589,
0.3904

 80.7278, 0.3256,
0.3156

■ 57.4706, 0.2551,
0.4026

■ 81.1549, 0.3208,
0.3087

■ 56.5828, 0.2532,
0.4149

■ 81.5989, 0.3162,
0.3019

■ 55.9741, 0.2534,
0.4271

■ 81.7998, 0.3141,
0.2990

■ 55.6068, 0.2550,
0.4379

Harmonies

Analogous

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



67.2619, 0.3119, 0.3633



67.2619, 0.2903, 0.3469



67.2619, 0.2750, 0.3257

Triad

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



67.2619, 0.2903, 0.3469



67.2619, 0.2905, 0.2913



67.2619, 0.3579, 0.3492

Complementary

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



67.2619, 0.2903, 0.3469



51.0766, 0.3417, 0.3118

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.



67.2619, 0.3518, 0.3303



67.2619, 0.2903, 0.3469



67.2619, 0.3123, 0.2978

Square

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



67.2619, 0.2903, 0.3469



67.2619, 0.2751, 0.2941



67.2619, 0.3349, 0.3118



67.2619, 0.3513, 0.3637

Rectangle

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



67.2619, 0.2903, 0.3469



67.2619, 0.2702, 0.3122



67.2619, 0.3349, 0.3118



67.2619, 0.3572, 0.3432

Sweetspot

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



67.2647, 0.2903, 0.3469



96.9027, 0.3061, 0.3338



67.7817, 0.3211, 0.3852



20.6720, 0.3054, 0.3343



0.0000, 0.0000, 0.0000



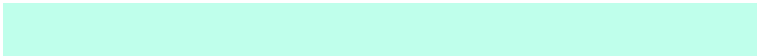
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2647, 0.2903, 0.3469



88.6085, 0.2862, 0.3509



63.9229, 0.2809, 0.3196



15.4941, 0.3024, 0.3366



32.3839, 0.2545, 0.4361



2.2607, 0.2493, 0.4175

Inverse Universe

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



51.0766, 0.3417, 0.3118



63.3625, 0.3491, 0.3082



53.6328, 0.3530, 0.3382



13.7722, 0.3242, 0.3216



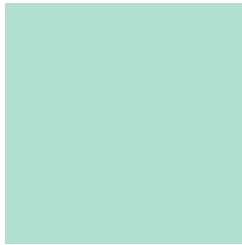
9.5106, 0.5686, 0.2906



0.6751, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 67.2619, 0.2903, 0.3469 looks on a white background.

Color Contrast Check

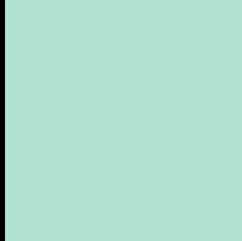
Large Text (above 18pt) WCAG AA × Fail

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 67.2619, 0.2903, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

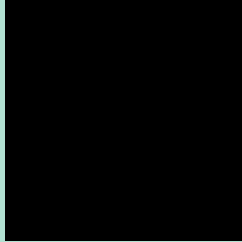
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

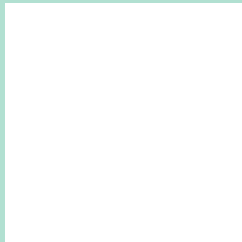
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2619, 0.2903, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 67.2619, 0.2903, 0.3469.

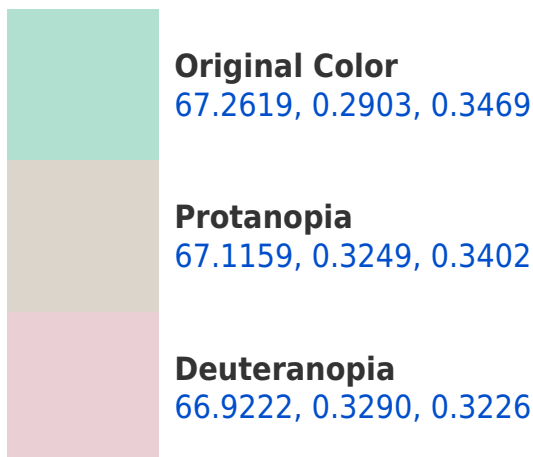


This preview shows how white text looks on a background with the Yxy color 67.2619, 0.2903, 0.3469.

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

67.2459, 0.2768, 0.3094

Trichromacy



Original Color

67.2619, 0.2903, 0.3469

Protanomaly

66.8709, 0.3113, 0.3428

Deuteranomaly

66.4881, 0.3134, 0.3301

Tritanomaly

66.9623, 0.2814, 0.3219

Monochromacy



Original Color

67.2619, 0.2903, 0.3469

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 67.2619, 0.2903, 0.3469 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(177, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 224, 209)  
}
```

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(177, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.2619, 0.2903, 0.3469 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(177, 224, 209) }
```

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

```
.border{ border-color:rgb(177, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2619, 0.2903, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 224, 209) }
```

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

```
.background{ background-color: rgb(177,  
224, 209) }
```

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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