

Converting Colors

$Yxy(69.4259, 0.2948, 0.3486)$

Have a look what the booklet for
Yxy(69.4259, 0.2948, 0.3486)
contains.

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Color

Yxy(69.2362, 0.2943, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	B8E2D2
RGB	184, 226, 210
RGB Percent	72%, 89%, 82%
CMY	0.2786, 0.1137, 0.1765
CMYK	0.19, 0.00, 0.07, 0.11
HSL	157°, 42%, 80%
HSV	157°, 19%, 89%
XYZ	58.5860, 69.2362, 71.2468
YIQ	211.6180, -19.8960, -13.8800

Conversions

Conversions Part 2

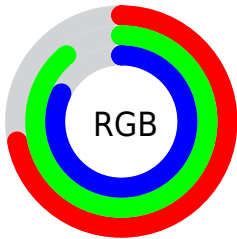
Format	Color
RYB	184, 210, 226
Decimal	12116690
CIELab	86.62, -16.81, 3.30
CIElCh	87, 17.130, 168.894
Yxy	69.2362, 0.2943, 0.3478
Android (android.graphics.Color)	4290306770 (0xFFB8E2D2)
YUV	211.6180, -0.7977, -24.2210
Hunter-Lab	83.2083, -19.9347, 7.4790

Details

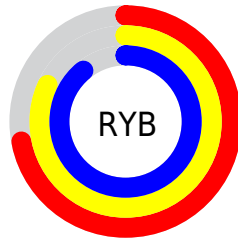
The Yxy color **69.2362, 0.2943, 0.3478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5984, 0.3356, 0.3110**, and the grayscale version is **65.5819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **36.2719, 0.2892, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **66.2508, 0.2851, 0.3594**, and if you desaturate by 10%, it is **72.6963, 0.3041, 0.3372**.

Distribution



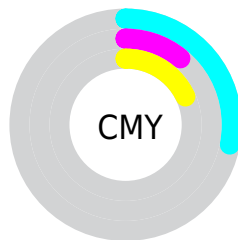
- Red (72%)
- Green (89%)
- Blue (82%)



- Red (72%)
- Yellow (82%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)




- Cyan (28%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2362, 0.2943, 0.3478 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 69.2362, 0.2943, 0.3478 by changing the saturation by 10% instead.


 69.2362, 0.2943,
0.3478

 69.2362, 0.2943,
0.3478


457.8636, 0.3030,
0.3389

 50.9041, 0.2923,
0.3499

 118.1189, 0.2973,
0.3447

 36.1323, 0.2898,
0.3525


149.4382, 0.2985,
0.3435

 24.5364, 0.2866,
0.3558


185.8555, 0.2995,
0.3424

 15.7320, 0.2823,
0.3603

227.7550, 0.3004,
0.3415

 9.3347, 0.2765,
0.3665

275.5212, 0.3011,
0.3408

 4.9601, 0.2678,
0.3757

329.5384, 0.3018,

 2.2239, 0.2537,

0.3401

390.1911, 0.3024,
0.3395

0.3911

0.7330, 0.1805,
0.4620

0.0000, 0.0000,
0.0000

69.2362, 0.2943,
0.3478

69.2362, 0.2943,
0.3478

66.2508, 0.2851,
0.3594

72.6963, 0.3041,
0.3372

63.7099, 0.2768,
0.3720


76.6426, 0.3141,
0.3277


61.5933, 0.2698,
0.3856


81.0968, 0.3243,
0.3193


59.8756, 0.2642,
0.3998

82.2197, 0.3209,
0.3110

 58.5285, 0.2604,
0.4145

 82.7560, 0.3153,
0.3028

 57.5201, 0.2586,
0.4294

 82.8824, 0.3140,
0.3009

 56.8128, 0.2589,
0.4442

 56.3502, 0.2610,
0.4587

 56.2947, 0.2613,
0.4607

Harmonies

Analogous

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



69.2362, 0.3147, 0.3619



69.2362, 0.2943, 0.3478



69.2362, 0.2791, 0.3285

Triad

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



69.2362, 0.2943, 0.3478



69.2362, 0.2899, 0.2939



69.2362, 0.3544, 0.3457

Complementary

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



69.2362, 0.2943, 0.3478



54.5984, 0.3356, 0.3110

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.



69.2362, 0.3473, 0.3280



69.2362, 0.2943, 0.3478



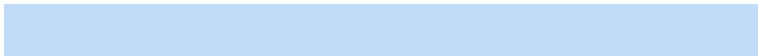
69.2362, 0.3096, 0.2988

Square

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



69.2362, 0.2943, 0.3478



69.2362, 0.2767, 0.2977



69.2362, 0.3308, 0.3111



69.2362, 0.3497, 0.3598

Rectangle

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



69.2362, 0.2943, 0.3478



69.2362, 0.2738, 0.3158



69.2362, 0.3308, 0.3111



69.2362, 0.3533, 0.3400

Sweetspot

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



69.2391, 0.2943, 0.3478



96.8432, 0.3066, 0.3347



70.1503, 0.3217, 0.3781



20.6580, 0.3060, 0.3353



0.0000, 0.0000, 0.0000



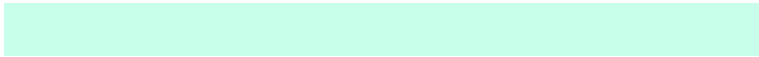
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2391, 0.2943, 0.3478



89.5683, 0.2910, 0.3518



67.4463, 0.2845, 0.3232



15.4792, 0.3032, 0.3381



32.1342, 0.2607, 0.4584



2.2446, 0.2545, 0.4361

Inverse Universe

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



54.5984, 0.3356, 0.3110



67.2420, 0.3410, 0.3074



55.9624, 0.3480, 0.3347



13.7865, 0.3233, 0.3201



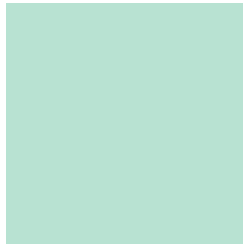
9.6295, 0.5447, 0.2774



0.6845, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 69.2362, 0.2943, 0.3478 looks on a white background.

Color Contrast Check

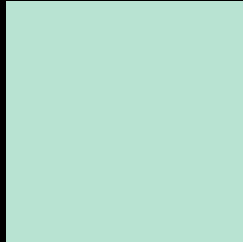
Large Text (above 18pt) WCAG AA × Fail

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 69.2362, 0.2943, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

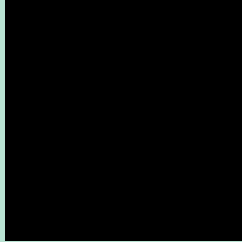
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

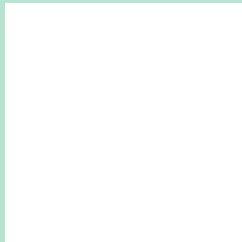
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2362, 0.2943, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 69.2362, 0.2943, 0.3478.



This preview shows how white text looks on a background with the Yxy color 69.2362, 0.2943, 0.3478.

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

69.2362, 0.2943, 0.3478

Protanopia

68.6485, 0.3262, 0.3412

Deuteranopia

68.5822, 0.3319, 0.3248



Tritanopia

69.2934, 0.2802, 0.3097

Trichromacy



Original Color

69.2362, 0.2943, 0.3478

Protanomaly

68.6746, 0.3142, 0.3437

Deuteranomaly

68.2598, 0.3169, 0.3323

Tritanomaly

68.9416, 0.2854, 0.3232

Monochromacy



Original Color

69.2362, 0.2943, 0.3478

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.8854, 0.3060, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2362, 0.2943, 0.3478 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(184, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 210)  
}
```

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(184, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.2362, 0.2943, 0.3478 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(184, 226, 210) }
```

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

```
.border{ border-color:rgb(184, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2362, 0.2943, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 210) }
```

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

```
.background{ background-color: rgb(184,  
226, 210) }
```

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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