

Converting Colors

Yxy(67.0655, 0.2941, 0.3463)

Have a look what the booklet for
Yxy(67.0655, 0.2941, 0.3463)
contains.

Yxy(67.2745, 0.2942, 0.3468)	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(67.2745, 0.2942, 0.3468)

Conversions

Conversions Part 1	
Format	Color
Hex	B6DFD0
RGB	182, 223, 208
RGB Percent	71%, 87%, 82%
CMY	0.2861, 0.1255, 0.1844
CMYK	0.18, 0.00, 0.07, 0.13
HSL	158°, 39%, 79%
HSV	158°, 18%, 87%
XYZ	57.0708, 67.2745, 69.6411
YIQ	209.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

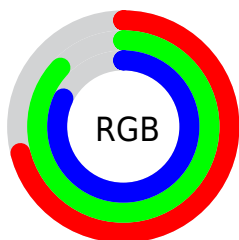
Format	Color
RYB	182, 207, 223
Decimal	11984848
CIELab	85.64, -16.29, 2.93
CIELCh	86, 16.553, 169.815
Yxy	67.2745, 0.2942, 0.3468
Android (android.graphics.Color)	4290174928 (0xFFB6DFD0)
YUV	209.0310, -0.5083, -23.7062
Hunter-Lab	82.0210, -19.3353, 7.0737

Details

The Yxy color **67.2745, 0.2942, 0.3468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1970, 0.3357, 0.3119**, and the grayscale version is **63.8011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **34.9276, 0.2889, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **64.3820, 0.2849, 0.3579**, and if you desaturate by 10%, it is **70.6257, 0.3041, 0.3367**.

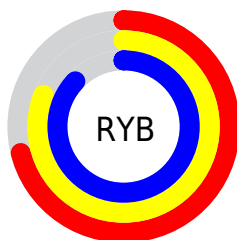
Distribution



Red (71%)

Green (87%)

Blue (82%)



Red (71%)

Yellow (81%)

Blue (87%)

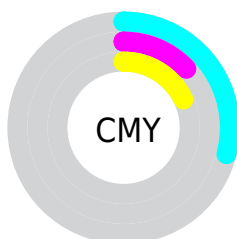


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (13%)



Cyan (29%)


Magenta (13%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2745, 0.2942, 0.3468 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 67.2745, 0.2942, 0.3468 by changing the saturation by 10% instead.

 67.2745, 0.2942,
0.3468

 67.2745, 0.2942,
0.3468


450.9212, 0.3029,
0.3384

 49.3077, 0.2922,
0.3488

 115.3137, 0.2973,
0.3438

 34.8637, 0.2896,
0.3513


146.1548, 0.2984,
0.3427

 23.5579, 0.2864,
0.3545

182.0563, 0.2995,
0.3417

 15.0060, 0.2820,
0.3588

223.4024, 0.3003,
0.3409

 8.8236, 0.2760,
0.3647

270.5775, 0.3011,
0.3401

 4.6263, 0.2670,
0.3738


323.9661, 0.3018,

 2.0297, 0.2523,


0.3395

0.3888


383.9526, 0.3024,
0.3389

 0.6246, 0.1512,
0.4819


 0.0000, 0.0000,
0.0000


 67.2745, 0.2942,
0.3468


 67.2745, 0.2942,
0.3468

 64.3820, 0.2849,
0.3579


 70.6257, 0.3041,
0.3367

 61.9190, 0.2764,
0.3700


 74.4466, 0.3144,
0.3276

 59.8661, 0.2691,
0.3830


 78.7582, 0.3248,
0.3195


 58.1987, 0.2634,
0.3966


 80.3650, 0.3236,
0.3116


 56.8898, 0.2594,
0.4107


 80.8637, 0.3182,
0.3038

 55.9085, 0.2575,
0.4250

 81.2530, 0.3142,
0.2980

 55.2186, 0.2575,
0.4392

 54.7672, 0.2594,
0.4531

 54.7035, 0.2598,
0.4554

Harmonies

Analogous

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



67.2745, 0.3140, 0.3607



67.2745, 0.2942, 0.3468



67.2745, 0.2796, 0.3279

Triad

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



67.2745, 0.2942, 0.3468



67.2745, 0.2910, 0.2947



67.2745, 0.3534, 0.3459

Complementary

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



67.2745, 0.2942, 0.3468



53.1970, 0.3357, 0.3119

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.



67.2745, 0.3468, 0.3286



67.2745, 0.2942, 0.3468



67.2745, 0.3104, 0.2998

Square

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



67.2745, 0.2942, 0.3468



67.2745, 0.2778, 0.2982



67.2745, 0.3309, 0.3120



67.2745, 0.3485, 0.3594

Rectangle

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



67.2745, 0.2942, 0.3468



67.2745, 0.2746, 0.3156



67.2745, 0.3309, 0.3120



67.2745, 0.3524, 0.3403

Sweetspot

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



67.2773, 0.2942, 0.3468



96.8568, 0.3065, 0.3345



68.0311, 0.3211, 0.3774



20.6612, 0.3058, 0.3351



0.0000, 0.0000, 0.0000



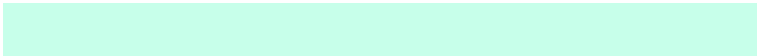
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2773, 0.2942, 0.3468



89.6140, 0.2906, 0.3509



65.1809, 0.2849, 0.3225



15.4826, 0.3030, 0.3377



32.1887, 0.2593, 0.4533



2.2482, 0.2533, 0.4318

Inverse Universe

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



53.1970, 0.3357, 0.3119



67.1999, 0.3416, 0.3082



54.8234, 0.3472, 0.3354



13.7832, 0.3235, 0.3204



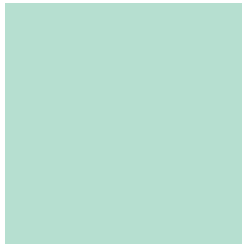
9.6002, 0.5504, 0.2806



0.6823, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 67.2745, 0.2942, 0.3468 looks on a white background.

Color Contrast Check

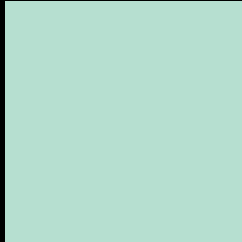
Large Text (above 18pt) WCAG AA × Fail

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 67.2745, 0.2942, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

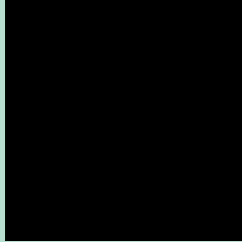
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

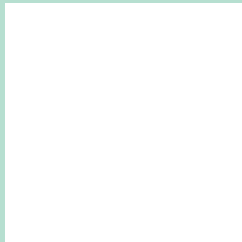
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2745, 0.2942, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 67.2745, 0.2942, 0.3468.

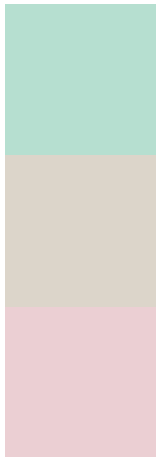


This preview shows how white text looks on a background with the Yxy color 67.2745, 0.2942, 0.3468.

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

67.2745, 0.2942, 0.3468

Protanopia

67.0684, 0.3256, 0.3413

Deuteranopia

66.9910, 0.3313, 0.3248



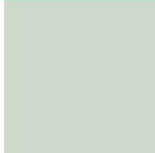
Tritanopia

67.2840, 0.2805, 0.3095

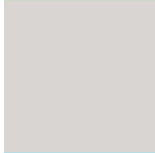
Trichromacy



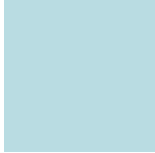
Original Color
67.2745, 0.2942, 0.3468



Protanomaly
67.1072, 0.3135, 0.3439



Deuteranomaly
66.8406, 0.3170, 0.3324

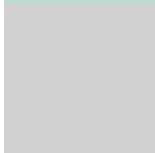


Tritanomaly
66.9917, 0.2851, 0.3220

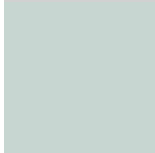
Monochromacy



Original Color
67.2745, 0.2942, 0.3468



Achromatopsia
63.7597, 0.3127, 0.3290



Achromatomaly
64.8387, 0.3052, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2745, 0.2942, 0.3468 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(182, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 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(182, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.2745, 0.2942, 0.3468 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(182, 223, 208) }
```

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

```
.border{ border-color:rgb(182, 223, 208) }
```

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

Here you see how a box with a 4 pixel rgb(182, 223, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2745, 0.2942, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 208) }
```

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

```
.background{ background-color: rgb(182,  
223, 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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