

Converting Colors

$Yxy(60.6592, 0.2851, 0.3955)$

Have a look what the booklet for
Yxy(60.6592, 0.2851, 0.3955)
contains.

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Color

Yxy(60.8608, 0.2849, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	86DFAD
RGB	134, 223, 173
RGB Percent	53%, 87%, 68%
CMY	0.4745, 0.1255, 0.3215
CMYK	0.40, 0.00, 0.22, 0.13
HSL	146°, 58%, 70%
HSV	146°, 40%, 87%
XYZ	43.7639, 60.8608, 48.9866
YIQ	190.6890, -36.9940, -34.4180

Conversions

Conversions Part 2

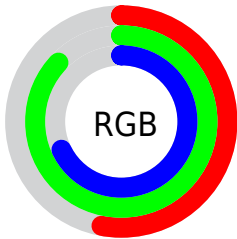
Format	Color
RYB	134, 196, 223
Decimal	8839085
CIELab	82.30, -37.63, 16.24
CIElCh	82, 40.982, 156.656
Yxy	60.8608, 0.2849, 0.3962
Android (android.graphics.Color)	4287029165 (0xFF86DFAD)
YUV	190.6890, -8.7207, -49.7163
Hunter-Lab	78.0133, -36.3885, 17.3796

Details

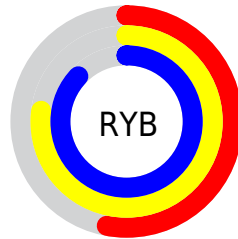
The Yxy color **60.8608, 0.2849, 0.3962** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.1996, 0.3563, 0.2709**, and the grayscale version is **51.9808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1243, 0.2884, 0.3573**, and **30.6802, 0.2766, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **58.7576, 0.2797, 0.4169**, and if you desaturate by 10%, it is **63.4008, 0.2911, 0.3769**.

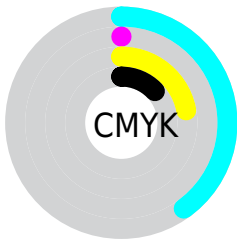
Distribution



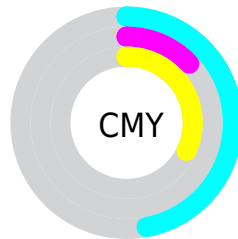
- Red (53%)
- Green (87%)
- Blue (68%)



- Red (53%)
- Yellow (77%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8608, 0.2849, 0.3962 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 60.8608, 0.2849, 0.3962 by changing the saturation by 10% instead.


 60.8608, 0.2849,
0.3962

 60.8608, 0.2849,
0.3962


427.7634, 0.2989,
0.3626

 44.1128, 0.2814,
0.4046

 106.0774, 0.2900,
0.3840

 30.7592, 0.2769,
0.4153


 135.3147, 0.2919,
0.3794

 20.4156, 0.2709,
0.4295


 169.4841, 0.2935,
0.3755

 12.6975, 0.2625,
0.4492

208.9697, 0.2949,
0.3722

 7.2206, 0.2500,
0.4783

254.1561, 0.2961,
0.3693

 3.6004, 0.2297,
0.5251

305.4276, 0.2972,

 1.4527, 0.1728,

0.3668

0.6674

363.1685, 0.2981,
0.3646

0.2551, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8608, 0.2849,
0.3962

60.8608, 0.2849,
0.3962

58.7576, 0.2797,
0.4169

63.4008, 0.2911,
0.3769

57.0579, 0.2759,
0.4386

66.3937, 0.2980,
0.3592


55.7356, 0.2738,
0.4608


69.8637, 0.3053,
0.3432


54.7584, 0.2736,
0.4827


73.8311, 0.3128,
0.3289

 54.0876, 0.2753,
0.5036

 78.3152, 0.3203,
0.3162

 53.6576, 0.2786,
0.5229

 80.8240, 0.3186,
0.3044

 53.6541, 0.2786,
0.5230

 81.2566, 0.3142,
0.2980

Harmonies

Analogous

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



60.8608, 0.3362, 0.4228



60.8608, 0.2849, 0.3962



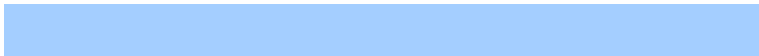
60.8608, 0.2433, 0.3466

Triad

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



60.8608, 0.2849, 0.3962



60.8608, 0.2421, 0.2463



60.8608, 0.4142, 0.3483

Complementary

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



60.8608, 0.2849, 0.3962



36.1996, 0.3563, 0.2709

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.



60.8608, 0.3849, 0.3076



60.8608, 0.2849, 0.3962



60.8608, 0.2827, 0.2514

Square

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



60.8608, 0.2849, 0.3962



60.8608, 0.2206, 0.2609



60.8608, 0.3352, 0.2733



60.8608, 0.4129, 0.3881

Rectangle

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



60.8608, 0.2849, 0.3962



60.8608, 0.2259, 0.3118



60.8608, 0.3352, 0.2733



60.8608, 0.4076, 0.3344

Sweetspot

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



60.8633, 0.2849, 0.3962



93.5935, 0.3037, 0.3465



64.7423, 0.3424, 0.4384



19.8964, 0.3027, 0.3486



0.0000, 0.0000, 0.0000



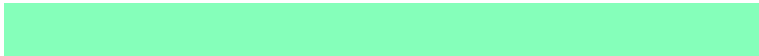
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8633, 0.2849, 0.3962



80.0304, 0.2804, 0.4136



62.8586, 0.2609, 0.3364



15.4366, 0.3056, 0.3425



31.5689, 0.2778, 0.5202



2.2059, 0.2694, 0.4900

Inverse Universe

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



36.1996, 0.3563, 0.2709



42.1586, 0.3696, 0.2590



34.6312, 0.4064, 0.3222



13.8288, 0.3205, 0.3159



10.1215, 0.4693, 0.2359



0.7195, 0.4402, 0.2199

Previews

White Background



This preview shows how the Yxy color 60.8608, 0.2849, 0.3962 looks on a white background.

Color Contrast Check

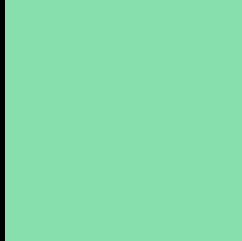
Large Text (above 18pt) WCAG AA × Fail

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 60.8608, 0.2849, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

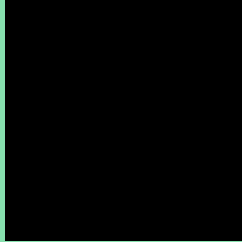
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

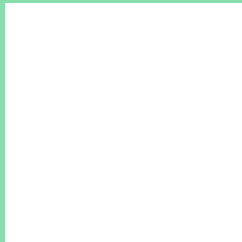
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8608, 0.2849, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 60.8608, 0.2849, 0.3962.

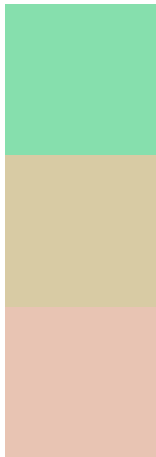


This preview shows how white text looks on a background with the Yxy color 60.8608, 0.2849, 0.3962.

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

60.8608, 0.2849, 0.3962

Protanopia

59.9911, 0.3521, 0.3747

Deuteranopia

59.8903, 0.3555, 0.3481



Tritanopia

60.7230, 0.2591, 0.3080

Trichromacy



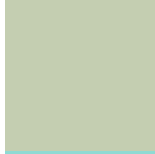
Original Color

60.8608, 0.2849, 0.3962



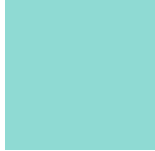
Protanomaly

59.3223, 0.3244, 0.3828



Deuteranomaly

59.0527, 0.3257, 0.3644



Tritanomaly

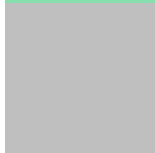
60.6856, 0.2681, 0.3378

Monochromacy



Original Color

60.8608, 0.2849, 0.3962



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.7186, 0.3010, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8608, 0.2849, 0.3962 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(134, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 173)  
}
```

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(134, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 173) }
```

Border

The CSS property to change the border of an element to Yxy 60.8608, 0.2849, 0.3962 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(134, 223, 173) }
```

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

```
.border{ border-color:rgb(134, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8608, 0.2849, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 223, 173) }
```

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

```
.background{ background-color: rgb(134,  
223, 173) }
```

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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