

Converting Colors

$Yxy(44.8910, 0.2826, 0.3630)$

Have a look what the booklet for
Yxy(44.8910, 0.2826, 0.3630)
contains.

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Color

Yxy(44.8346, 0.2824, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	82BFA8
RGB	130, 191, 168
RGB Percent	51%, 75%, 66%
CMY	0.4901, 0.2510, 0.3411
CMYK	0.32, 0.00, 0.12, 0.25
HSL	157°, 32%, 63%
HSV	157°, 32%, 75%
XYZ	34.9084, 44.8346, 43.8704
YIQ	170.1390, -28.9730, -20.0850

Conversions

Conversions Part 2

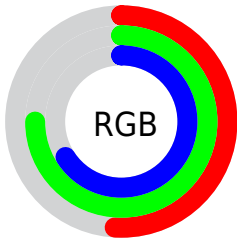
Format	Color
RYB	130, 168, 191
Decimal	8568744
CIELab	72.78, -24.62, 5.36
CIElCh	73, 25.191, 167.725
Yxy	44.8346, 0.2824, 0.3627
Android (android.graphics.Color)	4286758824 (0xFF82BFA8)
YUV	170.1390, -1.0545, -35.2019
Hunter-Lab	66.9586, -24.1179, 8.0250

Details

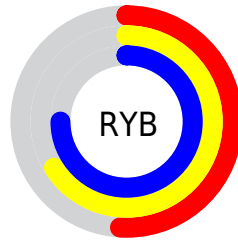
The Yxy color $44.8346, 0.2824, 0.3627$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $29.3469, 0.3575, 0.2979$, and the grayscale version is $40.2912, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7768, 0.2884, 0.3569$, and $20.7720, 0.2734, 0.3727$ is the 20% darker color. If you saturate the color by 10%, you get $43.2024, 0.2745, 0.3753$, and if you desaturate by 10%, it is $46.7657, 0.2913, 0.3510$.

Distribution



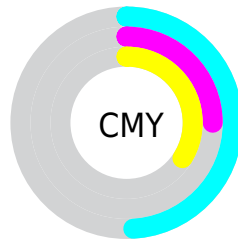
- Red (51%)
- Green (75%)
- Blue (66%)



- Red (51%)
- Yellow (66%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8346, 0.2824, 0.3627 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 44.8346, 0.2824, 0.3627 by changing the saturation by 10% instead.

 44.8346, 0.2824,
0.3627


 44.8346, 0.2824,
0.3627


366.1033, 0.2978,
0.3454


 31.3272, 0.2785,
0.3672

 82.4722, 0.2881,
0.3563

 20.8481, 0.2734,
0.3730


 107.3711, 0.2902,
0.3539

 13.0130, 0.2665,
0.3810

 136.8359, 0.2919,
0.3519

 7.4375, 0.2568,
0.3925

171.2511, 0.2935,
0.3502

 3.7372, 0.2419,
0.4103

211.0011, 0.2948,
0.3488

 1.5277, 0.2155,
0.4425

256.4701, 0.2959,

 0.3081, 0.0000,

0.3475

1.0000

308.0427, 0.2969,
0.3464

0.0000, 0.0000,
0.0000

44.8346, 0.2824,
0.3627

44.8346, 0.2824,
0.3627

43.2024, 0.2745,
0.3753

46.7657, 0.2913,
0.3510

41.8478, 0.2678,
0.3888

49.0047, 0.3008,
0.3404

40.7554, 0.2627,
0.4028

51.5670, 0.3108,
0.3307


39.9058, 0.2594,
0.4173

54.4655, 0.3209,
0.3221


39.2770, 0.2581,
0.4319

57.7122, 0.3310,
0.3145

 38.8427, 0.2588,
0.4463

 61.3185, 0.3409,
0.3077

 38.5936, 0.2605,
0.4578

 63.6038, 0.3436,
0.3011

 63.9897, 0.3379,
0.2940

 64.3922, 0.3322,
0.2870

Harmonies

Analogous

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



44.8346, 0.3167, 0.3870



44.8346, 0.2824, 0.3627



44.8346, 0.2572, 0.3286

Triad

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



44.8346, 0.2824, 0.3627



44.8346, 0.2731, 0.2707



44.8346, 0.3838, 0.3546

Complementary

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



44.8346, 0.2824, 0.3627



29.3469, 0.3575, 0.2979

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.



44.8346, 0.3711, 0.3253



44.8346, 0.2824, 0.3627



44.8346, 0.3055, 0.2787

Square

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



44.8346, 0.2824, 0.3627



44.8346, 0.2521, 0.2767



44.8346, 0.3418, 0.2982



44.8346, 0.3761, 0.3796

Rectangle

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



44.8346, 0.2824, 0.3627



44.8346, 0.2482, 0.3066



44.8346, 0.3418, 0.2982



44.8346, 0.3818, 0.3450

Sweetspot

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



44.8364, 0.2824, 0.3627



88.5375, 0.3026, 0.3386



45.6841, 0.3273, 0.4168



19.3059, 0.3012, 0.3400



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.8364, 0.2824, 0.3627



78.2931, 0.2770, 0.3710



42.7420, 0.2664, 0.3187



10.7469, 0.3034, 0.3378



25.3797, 0.2600, 0.4558



1.0065, 0.2505, 0.4218

Inverse Universe

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



29.3469, 0.3575, 0.2979



46.4016, 0.3708, 0.2912



30.6183, 0.3818, 0.3390



9.5942, 0.3231, 0.3204



7.6010, 0.5443, 0.2772



0.3105, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 44.8346, 0.2824, 0.3627 looks on a white background.

Color Contrast Check

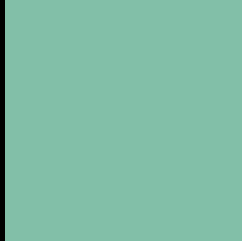
Large Text (above 18pt) WCAG AA × Fail

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 44.8346, 0.2824, 0.3627 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 44.8346, 0.2824, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 44.8346, 0.2824, 0.3627.



This preview shows how white text looks on a background with the Yxy color 44.8346, 0.2824, 0.3627.

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

44.8346, 0.2824, 0.3627

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.3539, 0.3355, 0.3291



Tritanopia

44.6532, 0.2651, 0.3081

Trichromacy



Original Color

44.8346, 0.2824, 0.3627

Protanomaly

44.1356, 0.3124, 0.3540

Deuteranomaly

44.0647, 0.3139, 0.3399

Tritanomaly

44.7089, 0.2710, 0.3275

Monochromacy



Original Color

44.8346, 0.2824, 0.3627

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.6739, 0.3002, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8346, 0.2824, 0.3627 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(130, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(130, 191, 168)  
}
```

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(130, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 191, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.8346, 0.2824, 0.3627 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(130, 191, 168) }
```

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

```
.border{ border-color:rgb(130, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(130, 191,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8346, 0.2824, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 191, 168) }
```

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

```
.background{ background-color: rgb(130,  
191, 168) }
```

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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