

Converting Colors

$Yxy(54.0867, 0.2823, 0.3620)$

Have a look what the booklet for
Yxy(54.0867, 0.2823, 0.3620)
contains.

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Color

Yxy(54.2814, 0.2825, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	8ED0B7
RGB	142, 208, 183
RGB Percent	56%, 82%, 72%
CMY	0.4432, 0.1843, 0.2824
CMYK	0.32, 0.00, 0.12, 0.18
HSL	157°, 41%, 69%
HSV	157°, 32%, 82%
XYZ	42.2554, 54.2814, 53.0399
YIQ	185.4160, -31.3110, -21.7670

Conversions

Conversions Part 2

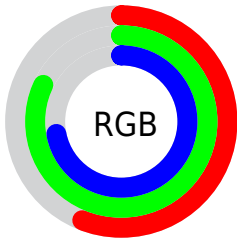
Format	Color
RYB	142, 183, 208
Decimal	9359543
CIELab	78.63, -26.26, 5.78
CIELCh	79, 26.889, 167.584
Yxy	54.2814, 0.2825, 0.3629
Android (android.graphics.Color)	4287549623 (0xFF8ED0B7)
YUV	185.4160, -1.1911, -38.0758
Hunter-Lab	73.6759, -26.5575, 8.8898

Details

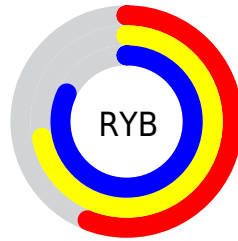
The Yxy color **54.2814, 0.2825, 0.3629** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5448, 0.3573, 0.2977**, and the grayscale version is **48.7786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6223, 0.2871, 0.3460**, and **26.5180, 0.2742, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **52.2932, 0.2746, 0.3757**, and if you desaturate by 10%, it is **56.6358, 0.2914, 0.3511**.

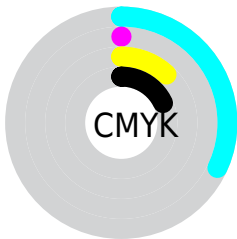
Distribution



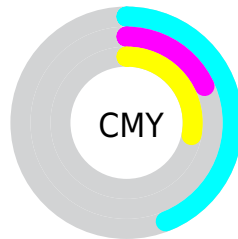
- Red (56%)
- Green (82%)
- Blue (72%)



- Red (56%)
- Yellow (72%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)




- Cyan (44%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2814, 0.2825, 0.3629 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 54.2814, 0.2825, 0.3629 by changing the saturation by 10% instead.


 54.2814, 0.2825,
0.3629


 54.2814, 0.2825,
0.3629


403.1822, 0.2974,
0.3460

 38.8267, 0.2789,
0.3671

 96.4873, 0.2879,
0.3568

 26.6249, 0.2742,
0.3725


 124.0073, 0.2899,
0.3545

 17.2917, 0.2681,
0.3796


156.3178, 0.2916,
0.3525

 10.4427, 0.2597,
0.3896

193.8032, 0.2931,
0.3509

 5.6935, 0.2474,
0.4043

236.8480, 0.2944,
0.3494

 2.6596, 0.2279,
0.4284

285.8365, 0.2955,

 0.9567, 0.1434,

0.3481

0.5147

341.1531, 0.2965,
0.3470

0.0000, 0.0000,
0.0000

54.2814, 0.2825,
0.3629

54.2814, 0.2825,
0.3629

52.2932, 0.2746,
0.3757

56.6358, 0.2914,
0.3511

50.6450, 0.2679,
0.3893

59.3676, 0.3010,
0.3403

49.3177, 0.2628,
0.4035

62.4957, 0.3110,
0.3306


48.2876, 0.2596,
0.4182

66.0359, 0.3211,
0.3219

47.5275, 0.2583,
0.4330


70.0031, 0.3312,
0.3142

 47.0047, 0.2591,
0.4475

 72.1051, 0.3323,
0.3067

 46.7047, 0.2609,
0.4593

 72.5589, 0.3266,
0.2990

 73.0331, 0.3210,
0.2915

 73.5278, 0.3156,
0.2841

Harmonies

Analogous

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



54.2814, 0.3168, 0.3872



54.2814, 0.2825, 0.3629



54.2814, 0.2572, 0.3287

Triad

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



54.2814, 0.2825, 0.3629



54.2814, 0.2729, 0.2706



54.2814, 0.3839, 0.3545

Complementary

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



54.2814, 0.2825, 0.3629



35.5448, 0.3573, 0.2977

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.



54.2814, 0.3711, 0.3252



54.2814, 0.2825, 0.3629



54.2814, 0.3053, 0.2786

Square

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



54.2814, 0.2825, 0.3629



54.2814, 0.2519, 0.2767



54.2814, 0.3416, 0.2981



54.2814, 0.3763, 0.3796

Rectangle

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



54.2814, 0.2825, 0.3629



54.2814, 0.2482, 0.3067



54.2814, 0.3416, 0.2981



54.2814, 0.3819, 0.3449

Sweetspot

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



54.2836, 0.2825, 0.3629



94.8734, 0.3026, 0.3387



55.3161, 0.3273, 0.4168



20.1638, 0.3012, 0.3401



0.0000, 0.0000, 0.0000



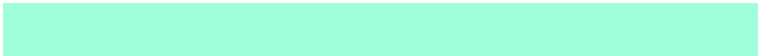
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2836, 0.2825, 0.3629



83.8753, 0.2770, 0.3714



51.7547, 0.2664, 0.3187



13.3279, 0.3033, 0.3380



29.1259, 0.2604, 0.4573



1.6437, 0.2531, 0.4310

Inverse Universe

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



35.5448, 0.3573, 0.2977



49.6803, 0.3707, 0.2909



37.0784, 0.3817, 0.3390



11.8813, 0.3232, 0.3202



8.7256, 0.5446, 0.2774



0.5031, 0.4947, 0.2499

Previews

White Background



This preview shows how the Yxy color 54.2814, 0.2825, 0.3629 looks on a white background.

Color Contrast Check

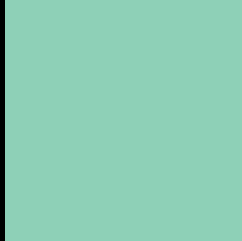
Large Text (above 18pt) WCAG AA × Fail

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 54.2814, 0.2825, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

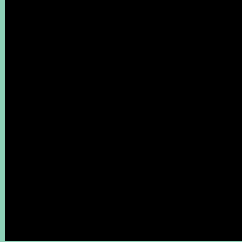
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

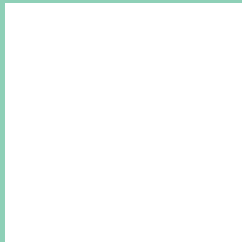
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2814, 0.2825, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 54.2814, 0.2825, 0.3629.



This preview shows how white text looks on a background with the Yxy color 54.2814, 0.2825, 0.3629.

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

54.2814, 0.2825, 0.3629

Protanopia

53.7916, 0.3340, 0.3511

Deuteranopia

53.5756, 0.3364, 0.3291



Tritanopia

54.3104, 0.2654, 0.3085

Trichromacy



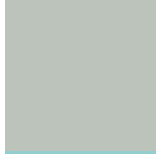
Original Color

54.2814, 0.2825, 0.3629



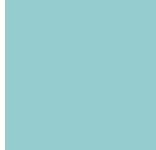
Protanomaly

53.3058, 0.3131, 0.3547



Deuteranomaly

53.2668, 0.3138, 0.3403



Tritanomaly

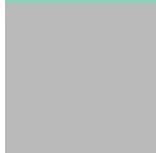
54.3219, 0.2714, 0.3276

Monochromacy



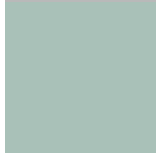
Original Color

54.2814, 0.2825, 0.3629



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.0356, 0.3003, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2814, 0.2825, 0.3629 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(142, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 183)  
}
```

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(142, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.2814, 0.2825, 0.3629 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(142, 208, 183) }
```

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

```
.border{ border-color:rgb(142, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 208, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 208, 183); box-shadow:4px 4px 4px 4px rgb(142, 208, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2814, 0.2825, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 183) }
```

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

```
.background{ background-color: rgb(142,  
208, 183) }
```

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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