

Converting Colors

$Y_{xy}(42.1538, 0.2936, 0.3569)$

Have a look what the booklet for
Yxy(42.1538, 0.2936, 0.3569)
contains.

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Color

Yxy(42.2981, 0.2935, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	8EB7A4
RGB	142, 183, 164
RGB Percent	56%, 72%, 64%
CMY	0.4430, 0.2824, 0.3568
CMYK	0.22, 0.00, 0.10, 0.28
HSL	152°, 22%, 64%
HSV	152°, 22%, 72%
XYZ	34.7940, 42.2981, 41.4564
YIQ	168.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

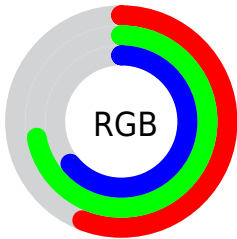
Format	Color
RYB	142, 169, 183
Decimal	9353124
CIELab	71.08, -17.65, 5.17
CIELCh	71, 18.392, 163.663
Yxy	42.2981, 0.2935, 0.3568
Android (android.graphics.Color)	4287543204 (0xFF8EB7A4)
YUV	168.5750, -2.2555, -23.3063
Hunter-Lab	65.0370, -18.3195, 7.7328

Details

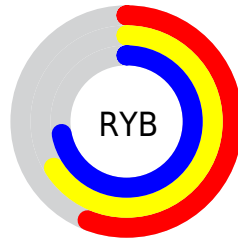
The Yxy color $42.2981, 0.2935, 0.3568$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.9959, 0.3373, 0.3028$, and the grayscale version is $39.4773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5832, 0.2969, 0.3513$, and $19.3593, 0.2880, 0.3663$ is the 20% darker color. If you saturate the color by 10%, you get $40.5151, 0.2857, 0.3713$, and if you desaturate by 10%, it is $44.3708, 0.3019, 0.3436$.

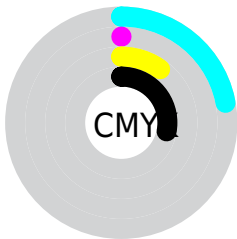
Distribution



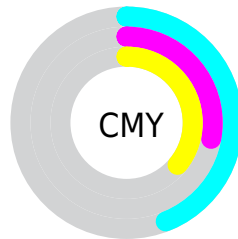
- Red (56%)
- Green (72%)
- Blue (64%)



- Red (56%)
- Yellow (66%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2981, 0.2935, 0.3568 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 42.2981, 0.2935, 0.3568 by changing the saturation by 10% instead.

 42.2981, 0.2935,
0.3568


 42.2981, 0.2935,
0.3568


355.7172, 0.3034,
0.3424


 29.3348, 0.2909,
0.3606


 78.6506, 0.2972,
0.3514

 19.3342, 0.2876,
0.3655


 102.8085, 0.2985,
0.3495

 11.9120, 0.2830,
0.3723

 131.4668, 0.2997,
0.3478

 6.6838, 0.2764,
0.3821

165.0099, 0.3006,
0.3464

 3.2652, 0.2661,
0.3977

203.8220, 0.3015,
0.3452

 1.2717, 0.2465,
0.4268

248.2877, 0.3022,


 0.1191, 0.0000,


0.3442


1.0000


298.7913, 0.3028,
0.3432

 0.0000, 0.0000,
0.0000

 42.2981, 0.2935,
0.3568


 42.2981, 0.2935,
0.3568

 40.5151, 0.2857,
0.3713

 44.3708, 0.3019,
0.3436


 39.0032, 0.2787,
0.3871


 46.7404, 0.3106,
0.3317


 37.7496, 0.2729,
0.4039


 49.4204, 0.3194,
0.3210

 36.7387, 0.2686,
0.4215


 52.4218, 0.3282,
0.3116

 35.9527, 0.2661,
0.4396


 55.7551, 0.3368,
0.3033

 35.3714, 0.2655,
0.4576


 59.4303, 0.3451,
0.2961

 34.9710, 0.2669,
0.4752

 60.4740, 0.3407,
0.2880

 34.7509, 0.2689,
0.4881

 60.9441, 0.3338,
0.2798

 61.4374, 0.3271,
0.2718

Harmonies

Analogous

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



42.2981, 0.3197, 0.3729



42.2981, 0.2935, 0.3568



42.2981, 0.2730, 0.3325

Triad

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



42.2981, 0.2935, 0.3568



42.2981, 0.2803, 0.2849



42.2981, 0.3651, 0.3460

Complementary

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



42.2981, 0.2935, 0.3568



31.9959, 0.3373, 0.3028

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.



42.2981, 0.3537, 0.3236



42.2981, 0.2935, 0.3568



42.2981, 0.3040, 0.2894

Square

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



42.2981, 0.2935, 0.3568



42.2981, 0.2657, 0.2914



42.2981, 0.3310, 0.3034



42.2981, 0.3616, 0.3652

Rectangle

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



42.2981, 0.2935, 0.3568



42.2981, 0.2650, 0.3160



42.2981, 0.3310, 0.3034



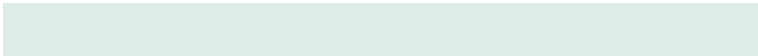
42.2981, 0.3628, 0.3386

Sweetspot

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



42.2999, 0.2935, 0.3568



81.6394, 0.3065, 0.3371



43.4121, 0.3263, 0.3876



17.9759, 0.3060, 0.3378



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.2999, 0.2935, 0.3568



74.0813, 0.2894, 0.3640



42.4773, 0.2799, 0.3270



10.1385, 0.3045, 0.3398



24.2578, 0.2684, 0.4861



0.8675, 0.2560, 0.4414

Inverse Universe

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



31.9959, 0.3373, 0.3028



52.2655, 0.3444, 0.2966



31.7849, 0.3572, 0.3311



9.0796, 0.3217, 0.3185



7.4922, 0.5084, 0.2574



0.2766, 0.4478, 0.2241

Previews

White Background



This preview shows how the Yxy color 42.2981, 0.2935, 0.3568 looks on a white background.

Color Contrast Check

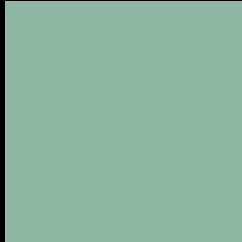
Large Text (above 18pt) WCAG AA × Fail

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 42.2981, 0.2935, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

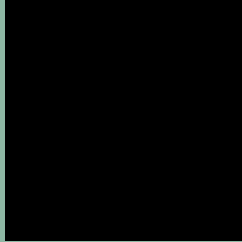
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2981, 0.2935, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 42.2981, 0.2935, 0.3568.



This preview shows how white text looks on a background with the Yxy color 42.2981, 0.2935, 0.3568.

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

42.2981, 0.2935, 0.3568

Protanopia

42.0936, 0.3310, 0.3481

Deuteranopia

42.1327, 0.3369, 0.3304



Tritanopia

42.3864, 0.2771, 0.3094

Trichromacy



Original Color

42.2981, 0.2935, 0.3568

Protanomaly

42.1245, 0.3160, 0.3515

Deuteranomaly

41.6390, 0.3195, 0.3386

Tritanomaly

42.1309, 0.2834, 0.3261

Monochromacy



Original Color

42.2981, 0.2935, 0.3568

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4331, 0.3052, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2981, 0.2935, 0.3568 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, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 183, 164)  
}
```

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, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 183, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.2981, 0.2935, 0.3568 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, 183, 164) }
```

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

```
.border{ border-color:rgb(142, 183, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 183, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 183,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2981, 0.2935, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 183, 164) }
```

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

```
.background{ background-color: rgb(142,  
183, 164) }
```

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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