

Converting Colors

$Y_{xy}(40.7494, 0.2934, 0.3488)$

Have a look what the booklet for
Yxy(40.7494, 0.2934, 0.3488)
contains.

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Color

Yxy(40.7965, 0.2934, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	8FB3A5
RGB	143, 179, 165
RGB Percent	56%, 70%, 65%
CMY	0.4392, 0.2980, 0.3530
CMYK	0.20, 0.00, 0.08, 0.30
HSL	157°, 19%, 63%
HSV	157°, 20%, 70%
XYZ	34.2383, 40.7965, 41.6600
YIQ	166.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

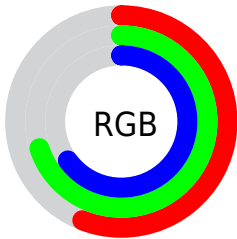
Format	Color
RYB	143, 165, 179
Decimal	9417637
CIELab	70.03, -15.07, 3.14
CIElCh	70, 15.393, 168.235
Yxy	40.7965, 0.2934, 0.3496
Android (android.graphics.Color)	4287607717 (0xFF8FB3A5)
YUV	166.6400, -0.8085, -20.7323
Hunter-Lab	63.8721, -16.0925, 6.0391

Details

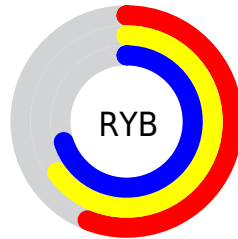
The Yxy color $40.7965, 0.2934, 0.3496$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.6648, 0.3370, 0.3093$, and the grayscale version is $38.4700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4543, 0.2969, 0.3458$, and $18.3893, 0.2877, 0.3561$ is the 20% darker color. If you saturate the color by 10%, you get $39.0791, 0.2846, 0.3614$, and if you desaturate by 10%, it is $42.7861, 0.3028, 0.3388$.

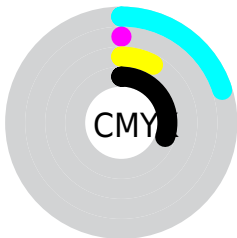
Distribution



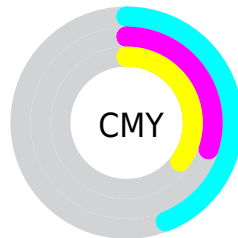
- Red (56%)
- Green (70%)
- Blue (65%)



- Red (56%)
- Yellow (65%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)





- Cyan (44%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7965, 0.2934, 0.3496 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 40.7965, 0.2934, 0.3496 by changing the saturation by 10% instead.

 40.7965, 0.2934,
0.3496

 40.7965, 0.2934,
0.3496


349.4694, 0.3033,
0.3389

 28.1601, 0.2908,
0.3524


 76.3749, 0.2971,
0.3456

 18.4464, 0.2875,
0.3560


 100.0857, 0.2984,
0.3442

 11.2709, 0.2829,
0.3611


128.2567, 0.2996,
0.3430

 6.2494, 0.2763,
0.3684

161.2724, 0.3006,
0.3419

 2.9973, 0.2659,
0.3800

199.5171, 0.3014,
0.3410

 1.1303, 0.2449,
0.4025

243.3752, 0.3021,

 0.0037, 0.0000,

0.3402

1.0000

293.2312, 0.3028,
0.3395

0.0000, 0.0000,
0.0000

40.7965, 0.2934,
0.3496

40.7965, 0.2934,
0.3496

39.0791, 0.2846,
0.3614

42.7861, 0.3028,
0.3388

37.6164, 0.2766,
0.3743

45.0542, 0.3126,
0.3291

36.3970, 0.2698,
0.3880

47.6134, 0.3225,
0.3204

35.4062, 0.2645,
0.4024

50.4738, 0.3323,
0.3127

34.6281, 0.2609,
0.4172

53.6451, 0.3420,
0.3059

■ 34.0444, 0.2593,
0.4323

■ 57.1367, 0.3514,
0.3000

■ 33.6335, 0.2597,
0.4472

■ 58.3459, 0.3493,
0.2934

■ 33.3530, 0.2616,
0.4617

■ 58.7093, 0.3434,
0.2865

■ 59.0880, 0.3376,
0.2797

Harmonies

Analogous

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



40.7965, 0.3153, 0.3645



40.7965, 0.2934, 0.3496



40.7965, 0.2770, 0.3289

Triad

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



40.7965, 0.2934, 0.3496



40.7965, 0.2879, 0.2914



40.7965, 0.3573, 0.3464

Complementary

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



40.7965, 0.2934, 0.3496



31.6648, 0.3370, 0.3093

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.



40.7965, 0.3496, 0.3275



40.7965, 0.2934, 0.3496



40.7965, 0.3089, 0.2966

Square

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



40.7965, 0.2934, 0.3496



40.7965, 0.2740, 0.2957



40.7965, 0.3316, 0.3095



40.7965, 0.3526, 0.3617

Rectangle

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



40.7965, 0.2934, 0.3496



40.7965, 0.2712, 0.3152



40.7965, 0.3316, 0.3095



40.7965, 0.3561, 0.3403

Sweetspot

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



40.7982, 0.2934, 0.3496



78.1920, 0.3067, 0.3348



41.4342, 0.3228, 0.3814



17.2667, 0.3061, 0.3354



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.7982, 0.2934, 0.3496



71.6846, 0.2895, 0.3546



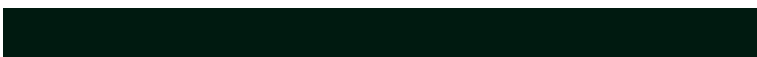
39.9125, 0.2828, 0.3237



9.5744, 0.3036, 0.3380



23.5803, 0.2611, 0.4600



0.7530, 0.2497, 0.4190

Inverse Universe

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



31.6648, 0.3370, 0.3093



52.4346, 0.3436, 0.3049



32.3114, 0.3509, 0.3342



8.5582, 0.3228, 0.3202



7.0941, 0.5386, 0.2740



0.2348, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 40.7965, 0.2934, 0.3496 looks on a white background.

Color Contrast Check

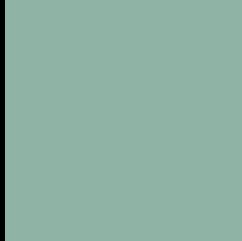
Large Text (above 18pt) WCAG AA × Fail

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 40.7965, 0.2934, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

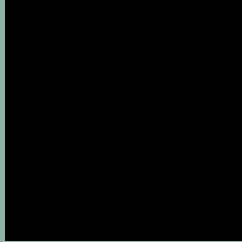
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7965, 0.2934, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 40.7965, 0.2934, 0.3496.



This preview shows how white text looks on a background with the Yxy color 40.7965, 0.2934, 0.3496.

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

40.7965, 0.2934, 0.3496

Protanopia

40.5176, 0.3268, 0.3428

Deuteranopia

40.4288, 0.3318, 0.3251



Tritanopia

40.6300, 0.2795, 0.3092

Trichromacy



Original Color

40.7965, 0.2934, 0.3496

Protanomaly

40.3883, 0.3138, 0.3446

Deuteranomaly

40.3101, 0.3171, 0.3332

Tritanomaly

40.4569, 0.2845, 0.3232

Monochromacy



Original Color

40.7965, 0.2934, 0.3496

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1481, 0.3052, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7965, 0.2934, 0.3496 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(143, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 165)  
}
```

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(143, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.7965, 0.2934, 0.3496 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(143, 179, 165) }
```

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

```
.border{ border-color:rgb(143, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 179, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 179, 165); box-shadow:4px 4px 4px 4px rgb(143, 179, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7965, 0.2934, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 165) }
```

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

```
.background{ background-color: rgb(143,  
179, 165) }
```

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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