

Converting Colors

$Yxy(47.8549, 0.2834, 0.3555)$

Have a look what the booklet for
Yxy(47.8549, 0.2834, 0.3555)
contains.

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Color

Yxy(47.6935, 0.2831, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	8BC3B1
RGB	139, 195, 177
RGB Percent	55%, 76%, 69%
CMY	0.4549, 0.2353, 0.3059
CMYK	0.29, 0.00, 0.09, 0.24
HSL	161°, 32%, 65%
HSV	161°, 29%, 76%
XYZ	38.0983, 47.6935, 48.7836
YIQ	176.2040, -27.5980, -17.4700

Conversions

Conversions Part 2

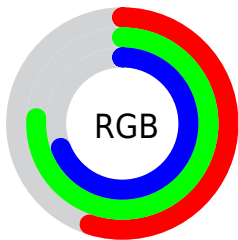
Format	Color
RYB	139, 172, 195
Decimal	9159601
CIELab	74.63, -21.99, 3.22
CIELCh	75, 22.227, 171.665
Yxy	47.6935, 0.2831, 0.3544
Android (android.graphics.Color)	4287349681 (0xFF8BC3B1)
YUV	176.2040, 0.3924, -32.6279
Hunter-Lab	69.0605, -22.3836, 6.4605

Details

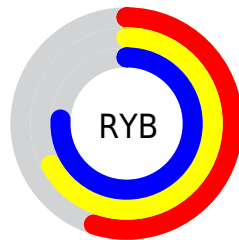
The Yxy color **47.6935, 0.2831, 0.3544** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5068, 0.3551, 0.3051**, and the grayscale version is **43.5383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9733, 0.2884, 0.3495**, and **22.5312, 0.2751, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **45.9192, 0.2742, 0.3648**, and if you desaturate by 10%, it is **49.7827, 0.2929, 0.3448**.

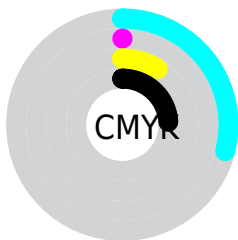
Distribution



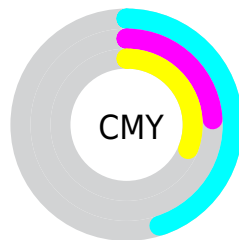
- Red (55%)
- Green (76%)
- Blue (69%)



- Red (55%)
- Yellow (67%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (45%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6935, 0.2831, 0.3544 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 47.6935, 0.2831, 0.3544 by changing the saturation by 10% instead.

 47.6935, 0.2831,
0.3544

 47.6935, 0.2831,
0.3544


377.5759, 0.2979,
0.3416


 33.5842, 0.2794,
0.3576


 86.7479, 0.2885,
0.3497

 22.5744, 0.2746,
0.3618


 112.4618, 0.2905,
0.3480

 14.2795, 0.2683,
0.3675


 142.8127, 0.2922,
0.3465

 8.3154, 0.2594,
0.3754

178.1850, 0.2937,
0.3452

 4.2974, 0.2462,
0.3875

218.9630, 0.2950,
0.3441

 1.8413, 0.2244,
0.4079

265.5313, 0.2961,

 0.5127, 0.0000,

0.3432

0.6063

318.2741, 0.2970,
0.3423

0.0000, 0.0000,
0.0000

47.6935, 0.2831,
0.3544

47.6935, 0.2831,
0.3544

45.9192, 0.2742,
0.3648

49.7827, 0.2929,
0.3448

44.4377, 0.2666,
0.3760

52.1957, 0.3033,
0.3360

43.2336, 0.2605,
0.3877

54.9484, 0.3141,
0.3280

42.2873, 0.2562,
0.3998

58.0540, 0.3251,
0.3209

41.5768, 0.2538,
0.4121

61.5247, 0.3360,
0.3146

■ 41.0761, 0.2534,
0.4244

■ 65.1795, 0.3460,
0.3090

■ 40.7429, 0.2548,
0.4365

■ 65.5076, 0.3410,
0.3027

■ 40.7044, 0.2550,
0.4380

■ 65.8483, 0.3361,
0.2965

■ 66.2016, 0.3313,
0.2904

Harmonies

Analogous

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



47.6935, 0.3123, 0.3768



47.6935, 0.2831, 0.3544



47.6935, 0.2624, 0.3250

Triad

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



47.6935, 0.2831, 0.3544



47.6935, 0.2816, 0.2784



47.6935, 0.3742, 0.3548

Complementary

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



47.6935, 0.2831, 0.3544



32.5068, 0.3551, 0.3051

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.



47.6935, 0.3655, 0.3294



47.6935, 0.2831, 0.3544



47.6935, 0.3108, 0.2868

Square

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



47.6935, 0.2831, 0.3544



47.6935, 0.2617, 0.2822



47.6935, 0.3418, 0.3051



47.6935, 0.3656, 0.3752

Rectangle

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



47.6935, 0.2831, 0.3544



47.6935, 0.2558, 0.3065



47.6935, 0.3418, 0.3051



47.6935, 0.3733, 0.3466

Sweetspot

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



47.6955, 0.2831, 0.3544



93.2831, 0.3029, 0.3363



48.1325, 0.3237, 0.4077



20.2802, 0.3013, 0.3376



0.0000, 0.0000, 0.0000



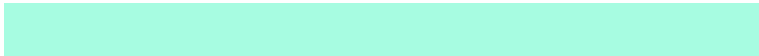
21.4041, 0.3127, 0.3290

Same Dimension

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



47.6955, 0.2831, 0.3544



83.5044, 0.2778, 0.3604



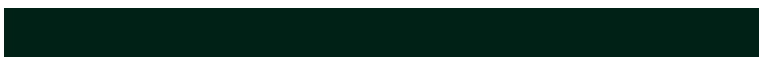
44.4099, 0.2702, 0.3159



11.3715, 0.3026, 0.3365



26.4706, 0.2546, 0.4364



1.1559, 0.2471, 0.4094

Inverse Universe

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



32.5068, 0.3551, 0.3051



52.1827, 0.3670, 0.3001



34.7550, 0.3717, 0.3417



10.1301, 0.3240, 0.3216



7.7860, 0.5657, 0.2890



0.3492, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 47.6935, 0.2831, 0.3544 looks on a white background.

Color Contrast Check

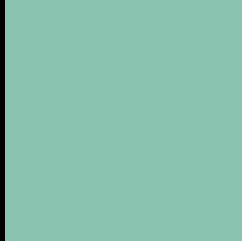
Large Text (above 18pt) WCAG AA × Fail

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 47.6935, 0.2831, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

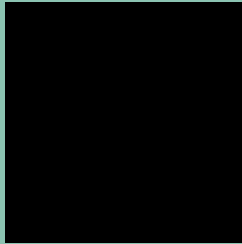
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

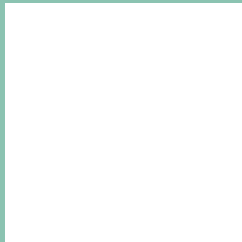
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6935, 0.2831, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 47.6935, 0.2831, 0.3544.



This preview shows how white text looks on a background with the Yxy color 47.6935, 0.2831, 0.3544.

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

47.6935, 0.2831, 0.3544

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

47.1980, 0.3306, 0.3241



Tritanopia

47.7376, 0.2681, 0.3088

Trichromacy



Original Color

47.6935, 0.2831, 0.3544

Protanomaly

47.2157, 0.3102, 0.3478

Deuteranomaly

47.0412, 0.3108, 0.3343

Tritanomaly

47.4790, 0.2738, 0.3248

Monochromacy



Original Color

47.6935, 0.2831, 0.3544

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.7881, 0.3014, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6935, 0.2831, 0.3544 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(139, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 195, 177)  
}
```

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(139, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 195, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.6935, 0.2831, 0.3544 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(139, 195, 177) }
```

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

```
.border{ border-color:rgb(139, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 195, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 195, 177);  
box-shadow:4px 4px 4px 4px rgb(139, 195,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6935, 0.2831, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 195, 177) }
```

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

```
.background{ background-color: rgb(139,  
195, 177) }
```

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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