

Converting Colors

$Yxy(41.2548, 0.2769, 0.3558)$

Have a look what the booklet for
Yxy(41.2548, 0.2769, 0.3558)
contains.

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Color

Yxy(41.2086, 0.2767, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	7AB8A7
RGB	122, 184, 167
RGB Percent	48%, 72%, 65%
CMY	0.5214, 0.2784, 0.3451
CMYK	0.34, 0.00, 0.09, 0.28
HSL	164°, 30%, 60%
HSV	164°, 34%, 72%
XYZ	32.1467, 41.2086, 42.8235
YIQ	163.5240, -31.4950, -18.4310

Conversions

Conversions Part 2

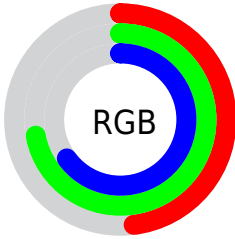
Format	Color
RYB	122, 158, 184
Decimal	8042663
CIELab	70.32, -23.71, 2.30
CIElCh	70, 23.822, 174.466
Yxy	41.2086, 0.2767, 0.3547
Android (android.graphics.Color)	4286232743 (0xFF7AB8A7)
YUV	163.5240, 1.7137, -36.4165
Hunter-Lab	64.1939, -22.9512, 5.3836

Details

The Yxy color $41.2086, 0.2767, 0.3547$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $25.9845, 0.3686, 0.3051$, and the grayscale version is $36.8948, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8242, 0.2833, 0.3496$, and $18.7725, 0.2661, 0.3636$ is the 20% darker color. If you saturate the color by 10%, you get $39.8083, 0.2680, 0.3637$, and if you desaturate by 10%, it is $42.8738, 0.2866, 0.3463$.

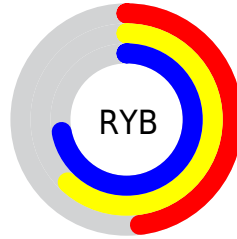
Distribution



Red (48%)

Green (72%)

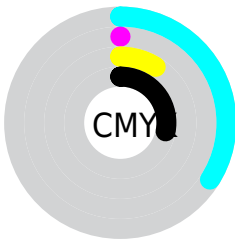
Blue (65%)



Red (48%)

Yellow (62%)

Blue (72%)

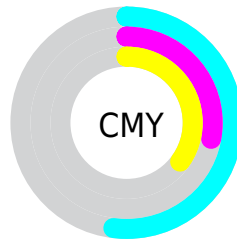


Cyan (34%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (52%)


Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2086, 0.2767, 0.3547 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 41.2086, 0.2767, 0.3547 by changing the saturation by 10% instead.


 41.2086, 0.2767,
0.3547

 41.2086, 0.2767,
0.3547

351.1917, 0.2951,
0.3415


 28.4821, 0.2720,
0.3581


 77.0005, 0.2835,
0.3498

 18.6894, 0.2658,
0.3626


 100.8346, 0.2860,
0.3480

 11.4461, 0.2575,
0.3688


 129.1401, 0.2881,
0.3465

 6.3677, 0.2456,
0.3776

162.3014, 0.2899,
0.3452

 3.0699, 0.2274,
0.3915

200.7028, 0.2915,
0.3440

 1.1684, 0.1835,
0.4227

244.7287, 0.2929,


 0.0356, 0.0000,

0.3431


1.0000

294.7635, 0.2940,
0.3422


 0.0000, 0.0000,
0.0000


 41.2086, 0.2767,
0.3547

 41.2086, 0.2767,
0.3547


 39.8083, 0.2680,
0.3637


 42.8738, 0.2866,
0.3463


 38.6535, 0.2606,
0.3733


 44.8123, 0.2973,
0.3385

 37.7299, 0.2550,
0.3833


 47.0380, 0.3085,
0.3314


 37.0197, 0.2512,
0.3935

 49.5628, 0.3201,
0.3250


 36.5024, 0.2493,
0.4037


 52.3976, 0.3317,
0.3194


 36.1535, 0.2494,
0.4140

 55.5527, 0.3433,
0.3143

 35.9878, 0.2501,
0.4204

 59.0382, 0.3546,
0.3099

 60.0620, 0.3539,
0.3050

 60.3133, 0.3496,
0.2999

Harmonies

Analogous

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



41.2086, 0.3088, 0.3814



41.2086, 0.2767, 0.3547



41.2086, 0.2549, 0.3211

Triad

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



41.2086, 0.2767, 0.3547



41.2086, 0.2805, 0.2728



41.2086, 0.3819, 0.3601

Complementary

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



41.2086, 0.2767, 0.3547



25.9845, 0.3686, 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.



41.2086, 0.3739, 0.3319



41.2086, 0.2767, 0.3547



41.2086, 0.3137, 0.2834

Square

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



41.2086, 0.2767, 0.3547



41.2086, 0.2571, 0.2755



41.2086, 0.3484, 0.3045



41.2086, 0.3702, 0.3824

Rectangle

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



41.2086, 0.2767, 0.3547



41.2086, 0.2485, 0.3009



41.2086, 0.3484, 0.3045



41.2086, 0.3815, 0.3510

Sweetspot

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



41.2103, 0.2767, 0.3547



82.5921, 0.3011, 0.3359



41.2258, 0.3225, 0.4234



17.6874, 0.2996, 0.3369



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.



41.2103, 0.2767, 0.3547



72.8819, 0.2705, 0.3610



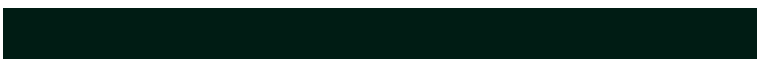
36.5659, 0.2630, 0.3086



10.1675, 0.3021, 0.3353



24.8163, 0.2498, 0.4191



0.8847, 0.2425, 0.3930

Inverse Universe

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



25.9845, 0.3686, 0.3051



41.2711, 0.3856, 0.3000



29.0545, 0.3838, 0.3483



9.0516, 0.3246, 0.3228



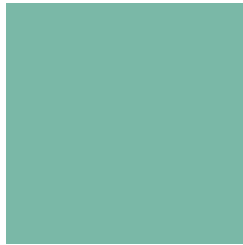
7.1949, 0.5820, 0.2980



0.2644, 0.5066, 0.2564

Previews

White Background



This preview shows how the Yxy color 41.2086, 0.2767, 0.3547 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 41.2086, 0.2767, 0.3547 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 41.2086, 0.2767, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 41.2086, 0.2767, 0.3547.

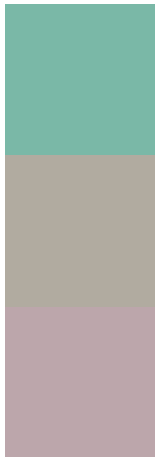


This preview shows how white text looks on a background with the Yxy color 41.2086, 0.2767, 0.3547.

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

41.2086, 0.2767, 0.3547

Protanopia

41.0110, 0.3276, 0.3441

Deuteranopia

40.9041, 0.3289, 0.3224



Tritanopia

41.1268, 0.2624, 0.3087

Trichromacy



Original Color

41.2086, 0.2767, 0.3547

Protanomaly

40.8631, 0.3066, 0.3476

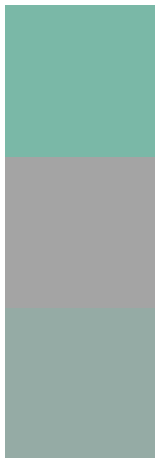
Deuteranomaly

40.6819, 0.3072, 0.3332

Tritanomaly

40.9441, 0.2677, 0.3245

Monochromacy



Original Color

41.2086, 0.2767, 0.3547

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2320, 0.2982, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2086, 0.2767, 0.3547 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(122, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 167)  
}
```

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(122, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.2086, 0.2767, 0.3547 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(122, 184, 167) }
```

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

```
.border{ border-color:rgb(122, 184, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2086, 0.2767, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 167) }
```

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

```
.background{ background-color: rgb(122,  
184, 167) }
```

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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