

Converting Colors

$Y_{xy}(35.3239, 0.2972, 0.3749)$

Have a look what the booklet for
Yxy(35.3239, 0.2972, 0.3749)
contains.

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Color

Yxy(35.1381, 0.2967, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	7EAA8E
RGB	126, 170, 142
RGB Percent	49%, 67%, 56%
CMY	0.5059, 0.3333, 0.4432
CMYK	0.26, 0.00, 0.16, 0.33
HSL	142°, 21%, 58%
HSV	142°, 26%, 67%
XYZ	27.8607, 35.1381, 30.9031
YIQ	153.6520, -17.2360, -18.0360

Conversions

Conversions Part 2

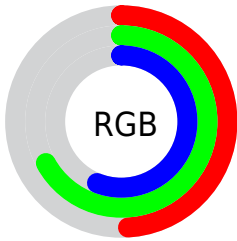
Format	Color
RYB	126, 158, 170
Decimal	8301198
CIELab	65.86, -20.69, 9.70
CIELCh	66, 22.847, 154.888
Yxy	35.1381, 0.2967, 0.3742
Android (android.graphics.Color)	4286491278 (0xFF7EAA8E)
YUV	153.6520, -5.7444, -24.2508
Hunter-Lab	59.2774, -19.8395, 10.5845

Details

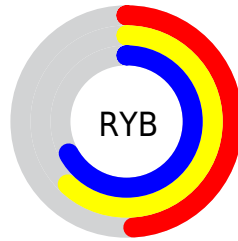
The Yxy color $35.1381, 0.2967, 0.3742$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $25.8010, 0.3332, 0.2878$, and the grayscale version is $32.1860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.4197, 0.2995, 0.3640$, and $15.2661, 0.2911, 0.3902$ is the 20% darker color. If you saturate the color by 10%, you get $33.6458, 0.2911, 0.3951$, and if you desaturate by 10%, it is $36.8846, 0.3027, 0.3552$.

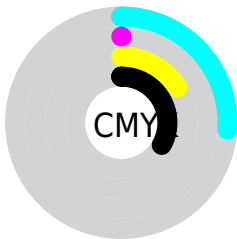
Distribution



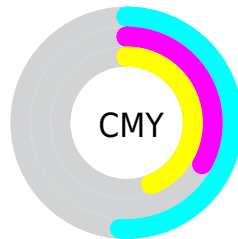
- Red (49%)
- Green (67%)
- Blue (56%)



- Red (49%)
- Yellow (62%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)





- Cyan (51%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1381, 0.2967, 0.3742 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 35.1381, 0.2967, 0.3742 by changing the saturation by 10% instead.


 35.1381, 0.2967,
0.3742


 35.1381, 0.2967,
0.3742


325.1775, 0.3054,
0.3498

 23.7693, 0.2943,
0.3809


 67.6997, 0.3001,
0.3649

 15.1626, 0.2909,
0.3900


 89.6612, 0.3013,
0.3615

 8.9336, 0.2862,
0.4029


 115.9224, 0.3023,
0.3588

 4.6979, 0.2788,
0.4227

146.8677, 0.3031,
0.3564

 2.0711, 0.2659,
0.4566

182.8814, 0.3038,
0.3544

 0.6483, 0.1412,
0.8233

224.3480, 0.3044,

 0.0000, 0.0000,

0.3527

0.0000

271.6519, 0.3050,
0.3512

■ 35.1381, 0.2967,
0.3742

■ 35.1381, 0.2967,
0.3742

■ 33.6458, 0.2911,
0.3951

■ 36.8846, 0.3027,
0.3552

■ 32.3911, 0.2863,
0.4176

■ 38.8919, 0.3090,
0.3381

■ 31.3627, 0.2824,
0.4414

■ 41.1721, 0.3153,
0.3230

■ 30.5461, 0.2800,
0.4659

■ 43.7350, 0.3215,
0.3096

■ 29.9254, 0.2792,
0.4901

■ 46.5900, 0.3275,
0.2979

■ 29.4823, 0.2801,
0.5131

■ 49.7462, 0.3333,
0.2877

■ 29.1928, 0.2827,
0.5341

■ 53.2120, 0.3387,
0.2788

■ 29.0969, 0.2839,
0.5421

■ 55.6436, 0.3380,
0.2698

■ 56.2655, 0.3290,
0.2598

Harmonies

Analogous

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



35.1381, 0.3317, 0.3908



35.1381, 0.2967, 0.3742



35.1381, 0.2672, 0.3433

Triad

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



35.1381, 0.2967, 0.3742



35.1381, 0.2632, 0.2724



35.1381, 0.3797, 0.3420

Complementary

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



35.1381, 0.2967, 0.3742



25.8010, 0.3332, 0.2878

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.



35.1381, 0.3593, 0.3134



35.1381, 0.2967, 0.3742



35.1381, 0.2910, 0.2745

Square

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



35.1381, 0.2967, 0.3742



35.1381, 0.2487, 0.2845



35.1381, 0.3262, 0.2893



35.1381, 0.3808, 0.3693

Rectangle

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



35.1381, 0.2967, 0.3742



35.1381, 0.2541, 0.3206



35.1381, 0.3262, 0.2893



35.1381, 0.3749, 0.3323

Sweetspot

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



35.1396, 0.2967, 0.3742



69.6955, 0.3076, 0.3418



37.1868, 0.3359, 0.3955



15.4192, 0.3067, 0.3443



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.1396, 0.2967, 0.3742



62.1602, 0.2935, 0.3858



35.8455, 0.2804, 0.3392



8.4511, 0.3069, 0.3437



21.4126, 0.2833, 0.5400



0.5308, 0.2640, 0.4704

Inverse Universe

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



25.8010, 0.3332, 0.2878



42.3377, 0.3389, 0.2784



25.1500, 0.3584, 0.3191



7.6196, 0.3191, 0.3147



7.0971, 0.4368, 0.2180



0.1820, 0.3899, 0.1921

Previews

White Background



This preview shows how the Yxy color 35.1381, 0.2967, 0.3742 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 35.1381, 0.2967, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

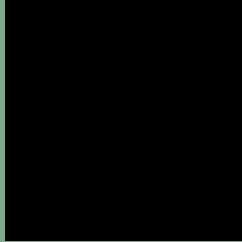
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1381, 0.2967, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 35.1381, 0.2967, 0.3742.

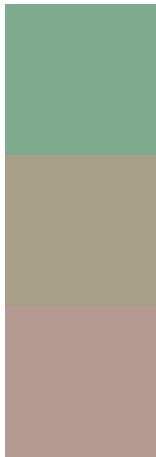


This preview shows how white text looks on a background with the Yxy color 35.1381, 0.2967, 0.3742.

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

35.1381, 0.2967, 0.3742

Protanopia

34.8987, 0.3430, 0.3629

Deuteranopia

34.8588, 0.3480, 0.3418



Tritanopia

35.1112, 0.2745, 0.3093

Trichromacy



Original Color

35.1381, 0.2967, 0.3742

Protanomaly

34.8017, 0.3253, 0.3673

Deuteranomaly

34.6288, 0.3272, 0.3530

Tritanomaly

35.0999, 0.2820, 0.3320

Monochromacy



Original Color

35.1381, 0.2967, 0.3742

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2729, 0.3063, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1381, 0.2967, 0.3742 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(126, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(126, 170, 142)  
}
```

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(126, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 170, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.1381, 0.2967, 0.3742 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(126, 170, 142) }
```

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

```
.border{ border-color:rgb(126, 170, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 170, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(126, 170,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1381, 0.2967, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 170, 142) }
```

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

```
.background{ background-color: rgb(126,  
170, 142) }
```

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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