

Converting Colors

$Yxy(34.2608, 0.2956, 0.3794)$

Have a look what the booklet for
Yxy(34.2608, 0.2956, 0.3794)
contains.

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Color

Yxy(34.2759, 0.2956, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	79A98A
RGB	121, 169, 138
RGB Percent	47%, 66%, 54%
CMY	0.5254, 0.3373, 0.4588
CMYK	0.28, 0.00, 0.18, 0.34
HSL	141°, 22%, 57%
HSV	141°, 28%, 66%
XYZ	26.6630, 34.2759, 29.2608
YIQ	151.1140, -18.6570, -19.8170

Conversions

Conversions Part 2

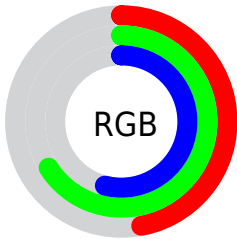
Format	Color
RYB	121, 156, 169
Decimal	7973258
CIELab	65.18, -22.61, 10.90
CIElCh	65, 25.099, 154.253
Yxy	34.2759, 0.2956, 0.3800
Android (android.graphics.Color)	4286163338 (0xFF79A98A)
YUV	151.1140, -6.4652, -26.4100
Hunter-Lab	58.5456, -21.1618, 11.3491

Details

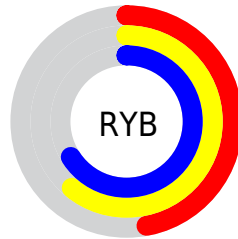
The Yxy color $34.2759, 0.2956, 0.3800$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $24.3808, 0.3351, 0.2830$, and the grayscale version is $31.0354, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.0716, 0.2993, 0.3695$, and $14.7668, 0.2897, 0.3990$ is the 20% darker color. If you saturate the color by 10%, you get $32.8608, 0.2903, 0.4017$, and if you desaturate by 10%, it is $35.9396, 0.3014, 0.3602$.

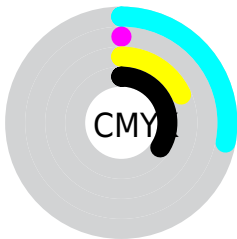
Distribution



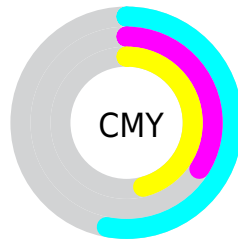
- Red (47%)
- Green (66%)
- Blue (54%)



- Red (47%)
- Yellow (61%)
- Blue (66%)



- Cyan (28%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)





- Cyan (53%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2759, 0.2956, 0.3800 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 34.2759, 0.2956, 0.3800 by changing the saturation by 10% instead.


 34.2759, 0.2956,
0.3800


 34.2759, 0.2956,
0.3800


321.3605, 0.3050,
0.3523


 23.1056, 0.2929,
0.3877


 66.3625, 0.2993,
0.3694

 14.6715, 0.2892,
0.3982


 88.0476, 0.3006,
0.3655

 8.5892, 0.2839,
0.4132


 114.0064, 0.3016,
0.3624

 4.4742, 0.2756,
0.4363

144.6234, 0.3025,
0.3597

 1.9422, 0.2606,
0.4765

180.2829, 0.3033,
0.3575

 0.5736, 0.0000,
1.0000

221.3693, 0.3039,

 0.0000, 0.0000,

0.3555

0.0000

268.2671, 0.3045,
0.3538

■ 34.2759, 0.2956,
0.3800

■ 34.2759, 0.2956,
0.3800

■ 32.8608, 0.2903,
0.4017

■ 35.9396, 0.3014,
0.3602

■ 31.6778, 0.2857,
0.4249

■ 37.8587, 0.3075,
0.3424

■ 30.7153, 0.2823,
0.4493

■ 40.0453, 0.3137,
0.3266

■ 29.9587, 0.2803,
0.4740

■ 42.5092, 0.3198,
0.3126

■ 29.3917, 0.2800,
0.4983

■ 45.2600, 0.3257,
0.3003

■ 28.9954, 0.2813,
0.5211

■ 48.3065, 0.3314,
0.2896

■ 28.7370, 0.2842,
0.5415

■ 51.6574, 0.3368,
0.2802

■ 28.7006, 0.2846,
0.5445

■ 55.0893, 0.3409,
0.2719

■ 55.7053, 0.3317,
0.2617

Harmonies

Analogous

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



34.2759, 0.3343, 0.3980



34.2759, 0.2956, 0.3800



34.2759, 0.2629, 0.3456

Triad

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



34.2759, 0.2956, 0.3800



34.2759, 0.2576, 0.2667



34.2759, 0.3868, 0.3423

Complementary

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



34.2759, 0.2956, 0.3800



24.3808, 0.3351, 0.2830

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.



34.2759, 0.3637, 0.3110



34.2759, 0.2956, 0.3800



34.2759, 0.2878, 0.2689

Square

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



34.2759, 0.2956, 0.3800



34.2759, 0.2421, 0.2801



34.2759, 0.3267, 0.2849



34.2759, 0.3883, 0.3726

Rectangle

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



34.2759, 0.2956, 0.3800



34.2759, 0.2484, 0.3202



34.2759, 0.3267, 0.2849



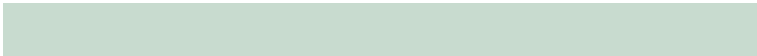
34.2759, 0.3812, 0.3317

Sweetspot

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



34.2773, 0.2956, 0.3800



67.5223, 0.3071, 0.3437



36.4519, 0.3381, 0.4024



14.6069, 0.3062, 0.3461



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.2773, 0.2956, 0.3800



59.7618, 0.2922, 0.3933



35.0435, 0.2775, 0.3403



8.4500, 0.3070, 0.3439



21.4000, 0.2841, 0.5426



0.5304, 0.2647, 0.4729

Inverse Universe

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



24.3808, 0.3351, 0.2830



39.1226, 0.3415, 0.2727



23.6780, 0.3643, 0.3181



7.6208, 0.3189, 0.3145



7.1220, 0.4332, 0.2160



0.1825, 0.3878, 0.1910

Previews

White Background



This preview shows how the Yxy color 34.2759, 0.2956, 0.3800 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 34.2759, 0.2956, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

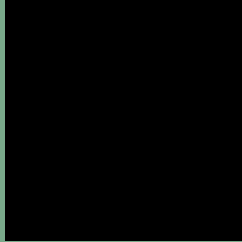
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2759, 0.2956, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 34.2759, 0.2956, 0.3800.



This preview shows how white text looks on a background with the Yxy color 34.2759, 0.2956, 0.3800.

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

34.2759, 0.2956, 0.3800

Protanopia

33.8869, 0.3453, 0.3663

Deuteranopia

33.9932, 0.3505, 0.3433



Tritanopia

34.3924, 0.2719, 0.3090

Trichromacy



Original Color

34.2759, 0.2956, 0.3800

Protanomaly

33.6950, 0.3262, 0.3710

Deuteranomaly

33.6459, 0.3283, 0.3548

Tritanomaly

34.3524, 0.2802, 0.3336

Monochromacy



Original Color

34.2759, 0.2956, 0.3800

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.1045, 0.3061, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2759, 0.2956, 0.3800 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(121, 169, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 169, 138)  
}
```

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(121, 169, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 169, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.2759, 0.2956, 0.3800 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(121, 169, 138) }
```

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

```
.border{ border-color:rgb(121, 169, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 169, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 169, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 169, 138);  
box-shadow:4px 4px 4px 4px rgb(121, 169,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2759, 0.2956, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 169, 138) }
```

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

```
.background{ background-color: rgb(121,  
169, 138) }
```

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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