

Converting Colors

Yxy(34.1227, 0.3300, 0.3852)

Have a look what the booklet for
Yxy(34.1227, 0.3300, 0.3852)
contains.

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Color

Yxy(34.0226, 0.3301, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	94A37F
RGB	148, 163, 127
RGB Percent	58%, 64%, 50%
CMY	0.4196, 0.3608, 0.5019
CMYK	0.09, 0.00, 0.22, 0.36
HSL	85°, 16%, 57%
HSV	85°, 22%, 64%
XYZ	29.1408, 34.0226, 25.1153
YIQ	154.4110, 2.6160, -14.3760

Conversions

Conversions Part 2

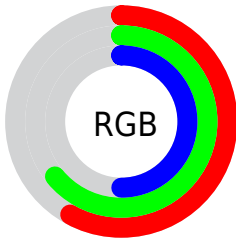
Format	Color
RYB	127, 163, 142
Decimal	9741183
CIELab	64.98, -11.90, 16.97
CIELCh	65, 20.725, 125.054
Yxy	34.0226, 0.3301, 0.3854
Android (android.graphics.Color)	4287931263 (0xFF94A37F)
YUV	154.4110, -13.5136, -5.6224
Hunter-Lab	58.3289, -12.8980, 15.3011

Details

The Yxy color **34.0226, 0.3301, 0.3854** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.5809, 0.2922, 0.2716**, and the grayscale version is **32.5655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9947, 0.3266, 0.3738**, and **14.4603, 0.3347, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **33.0173, 0.3376, 0.4133**, and if you desaturate by 10%, it is **35.1369, 0.3223, 0.3588**.

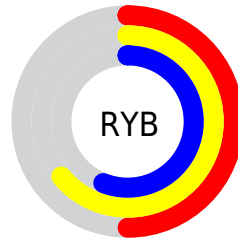
Distribution



Red (58%)

Green (64%)

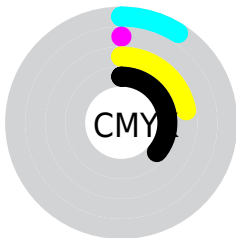
Blue (50%)



Red (50%)

Yellow (64%)

Blue (56%)

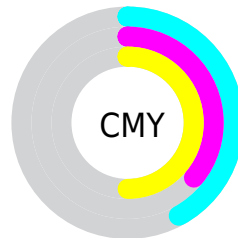


Cyan (9%)

Magenta (0%)

Yellow (22%)

Black (36%)



Cyan (42%)


Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0226, 0.3301, 0.3854 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 34.0226, 0.3301, 0.3854 by changing the saturation by 10% instead.


 34.0226, 0.3301,
0.3854

 34.0226, 0.3301,
0.3854


320.2328, 0.3214,
0.3550


 22.9110, 0.3322,
0.3938


 65.9688, 0.3269,
0.3738

 14.5278, 0.3350,
0.4050


 87.5722, 0.3257,
0.3696

 8.4886, 0.3384,
0.4208


 113.4416, 0.3247,
0.3662

 4.4092, 0.3429,
0.4447

143.9614, 0.3239,
0.3632

 1.9050, 0.3515,
0.4893

179.5160, 0.3231,
0.3607

 0.5514, 0.2975,
0.7025

220.4899, 0.3225,

 0.0000, 0.0000,

0.3586

0.0000

267.2673, 0.3219,
0.3567

■ 34.0226, 0.3301,
0.3854

■ 34.0226, 0.3301,
0.3854

■ 33.0173, 0.3376,
0.4133

■ 35.1369, 0.3223,
0.3588

■ 32.1126, 0.3443,
0.4416

■ 36.3593, 0.3143,
0.3339

■ 31.3058, 0.3498,
0.4696

■ 37.6950, 0.3066,
0.3110

■ 30.5922, 0.3537,
0.4958

■ 39.1472, 0.2991,
0.2901

■ 29.9669, 0.3555,
0.5191

■ 40.7192, 0.2920,
0.2713

■ 29.4241, 0.3551,
0.5382

■ 42.4138, 0.2854,
0.2543

■ 28.9572, 0.3523,
0.5524

■ 44.2341, 0.2792,
0.2391

■ 28.6298, 0.3492,
0.5610

■ 46.0260, 0.2750,
0.2276

■ 46.9977, 0.2803,
0.2291

Harmonies

Analogous

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



34.0226, 0.3586, 0.3832



34.0226, 0.3301, 0.3854



34.0226, 0.2980, 0.3701

Triad

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



34.0226, 0.3301, 0.3854



34.0226, 0.2538, 0.2881



34.0226, 0.3556, 0.3149

Complementary

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



34.0226, 0.3301, 0.3854



23.5809, 0.2922, 0.2716

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.



34.0226, 0.3254, 0.2925



34.0226, 0.3301, 0.3854



34.0226, 0.2673, 0.2768

Square

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



34.0226, 0.3301, 0.3854



34.0226, 0.2550, 0.3115



34.0226, 0.2930, 0.2788



34.0226, 0.3741, 0.3414

Rectangle

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



34.0226, 0.3301, 0.3854



34.0226, 0.2788, 0.3522



34.0226, 0.2930, 0.2788



34.0226, 0.3464, 0.3067

Sweetspot

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



34.0241, 0.3301, 0.3854



63.9820, 0.3183, 0.3463



28.6693, 0.3515, 0.3522



14.3430, 0.3188, 0.3476



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.0241, 0.3301, 0.3854



60.1139, 0.3335, 0.3976



32.4758, 0.3127, 0.3885



8.0893, 0.3200, 0.3516



22.2765, 0.3498, 0.5605



0.4949, 0.3755, 0.5400

Inverse Universe

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



23.5809, 0.2922, 0.2716



38.3738, 0.2872, 0.2590



25.3019, 0.3119, 0.2749



6.9975, 0.3049, 0.3062



3.0353, 0.1891, 0.0816



0.0912, 0.2325, 0.1054

Previews

White Background



This preview shows how the Yxy color 34.0226, 0.3301, 0.3854 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 34.0226, 0.3301, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

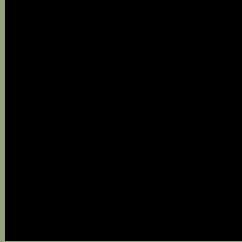
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0226, 0.3301, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 34.0226, 0.3301, 0.3854.



This preview shows how white text looks on a background with the Yxy color 34.0226, 0.3301, 0.3854.

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

34.0226, 0.3301, 0.3854

Protanopia

33.8940, 0.3551, 0.3780

Deuteranopia

33.6633, 0.3673, 0.3603



Tritanopia

33.8862, 0.2984, 0.3098

Trichromacy



Original Color

34.0226, 0.3301, 0.3854

Protanomaly

33.8540, 0.3462, 0.3805

Deuteranomaly

33.5472, 0.3540, 0.3689

Tritanomaly

33.8048, 0.3104, 0.3366

Monochromacy



Original Color

34.0226, 0.3301, 0.3854

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8030, 0.3197, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0226, 0.3301, 0.3854 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(148, 163, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 127)  
}
```

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(148, 163, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.0226, 0.3301, 0.3854 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(148, 163, 127) }
```

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

```
.border{ border-color:rgb(148, 163, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0226, 0.3301, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 127) }
```

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

```
.background{ background-color: rgb(148,  
163, 127) }
```

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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