

Converting Colors

$Yxy(34.2395, 0.3243, 0.3655)$

Have a look what the booklet for
Yxy(34.2395, 0.3243, 0.3655)
contains.

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Color

Yxy(34.3510, 0.3244, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	98A28A
RGB	152, 162, 138
RGB Percent	60%, 64%, 54%
CMY	0.4040, 0.3647, 0.4588
CMYK	0.06, 0.00, 0.15, 0.36
HSL	85°, 11%, 59%
HSV	85°, 15%, 64%
XYZ	30.4549, 34.3510, 29.0749
YIQ	156.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

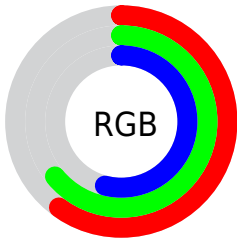
Format	Color
R_{YB}	138, 162, 148
Decimal	10003082
CIE Lab	65.24, -8.03, 11.28
CIE LCh	65, 13.845, 125.444
Yxy	34.3510, 0.3244, 0.3659
Android (android.graphics.Color)	4288193162 (0xFF98A28A)
YUV	156.2740, -9.0091, -3.7483
Hunter-Lab	58.6097, -9.8144, 11.6144

Details

The Yxy color **34.3510, 0.3244, 0.3659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0894, 0.2997, 0.2917**, and the grayscale version is **33.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5091, 0.3223, 0.3592**, and **14.6231, 0.3282, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **33.2831, 0.3322, 0.3929**, and if you desaturate by 10%, it is **35.5292, 0.3165, 0.3405**.

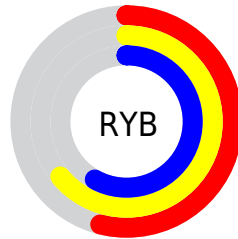
Distribution



Red (60%)

Green (64%)

Blue (54%)



Red (54%)

Yellow (64%)

Blue (58%)

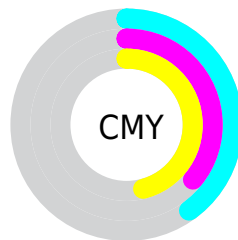


Cyan (6%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (40%)


Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3510, 0.3244, 0.3659 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 34.3510, 0.3244, 0.3659 by changing the saturation by 10% instead.


 34.3510, 0.3244,
0.3659


 34.3510, 0.3244,
0.3659


321.6943, 0.3184,
0.3462


 23.1634, 0.3259,
0.3713


 66.4791, 0.3222,
0.3584

 14.7142, 0.3279,
0.3785


 88.1884, 0.3214,
0.3557

 8.6190, 0.3305,
0.3886


 114.1737, 0.3207,
0.3535

 4.4935, 0.3342,
0.4039

144.8195, 0.3201,
0.3515

 1.9533, 0.3395,
0.4295

180.5100, 0.3196,
0.3499

 0.5801, 0.3799,
0.6201

221.6297, 0.3192,

 0.0000, 0.0000,

0.3485

0.0000

268.5630, 0.3188,
0.3473

■ 34.3510, 0.3244,
0.3659

■ 34.3510, 0.3244,
0.3659

■ 33.2831, 0.3322,
0.3929

■ 35.5292, 0.3165,
0.3405

■ 32.3173, 0.3394,
0.4210

■ 36.8166, 0.3087,
0.3171

■ 31.4511, 0.3458,
0.4493

■ 38.2182, 0.3011,
0.2956

■ 30.6802, 0.3509,
0.4769

■ 39.7370, 0.2939,
0.2762

■ 30.0002, 0.3543,
0.5025

■ 41.3762, 0.2872,
0.2588

■ 29.4057, 0.3555,
0.5248

■ 43.1385, 0.2809,
0.2431

■ 28.8911, 0.3545,
0.5426

■ 45.0268, 0.2750,
0.2291

■ 28.4492, 0.3512,
0.5554

■ 46.2042, 0.2778,
0.2274

■ 28.2400, 0.3491,
0.5610

■ 47.1948, 0.2831,
0.2289

Harmonies

Analogous

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



34.3510, 0.3433, 0.3653



34.3510, 0.3244, 0.3659



34.3510, 0.3029, 0.3557

Triad

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



34.3510, 0.3244, 0.3659



34.3510, 0.2729, 0.3017



34.3510, 0.3414, 0.3199

Complementary

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



34.3510, 0.3244, 0.3659



27.0894, 0.2997, 0.2917

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.



34.3510, 0.3217, 0.3044



34.3510, 0.3244, 0.3659



34.3510, 0.2824, 0.2938

Square

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



34.3510, 0.3244, 0.3659



34.3510, 0.2736, 0.3176



34.3510, 0.3000, 0.2949



34.3510, 0.3535, 0.3381

Rectangle

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



34.3510, 0.3244, 0.3659



34.3510, 0.2899, 0.3441



34.3510, 0.3000, 0.2949



34.3510, 0.3354, 0.3143

Sweetspot

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



34.3525, 0.3244, 0.3659



64.6590, 0.3159, 0.3387



30.7010, 0.3373, 0.3443



14.4855, 0.3165, 0.3405



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.



34.3525, 0.3244, 0.3659



61.6507, 0.3272, 0.3753



33.2554, 0.3128, 0.3672



8.0891, 0.3200, 0.3516



22.2716, 0.3496, 0.5606



0.4948, 0.3754, 0.5401

Inverse Universe

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



27.0894, 0.2997, 0.2917



45.7145, 0.2961, 0.2821



28.2644, 0.3123, 0.2931



6.9978, 0.3049, 0.3062



3.0386, 0.1892, 0.0816



0.0913, 0.2326, 0.1055

Previews

White Background



This preview shows how the Yxy color 34.3510, 0.3244, 0.3659 looks on a white background.

Color Contrast Check

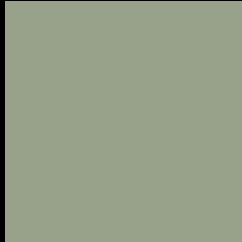
Large Text (above 18pt) WCAG AA × Fail

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 34.3510, 0.3244, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

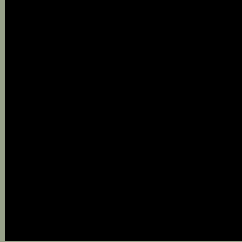
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

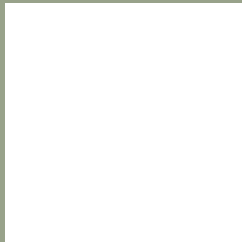
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3510, 0.3244, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 34.3510, 0.3244, 0.3659.



This preview shows how white text looks on a background with the Yxy color 34.3510, 0.3244, 0.3659.

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

34.3510, 0.3244, 0.3659

Protanopia

34.3383, 0.3412, 0.3617

Deuteranopia

34.0532, 0.3535, 0.3461



Tritanopia

34.1843, 0.3012, 0.3100

Trichromacy



Original Color

34.3510, 0.3244, 0.3659

Protanomaly

34.1795, 0.3349, 0.3621

Deuteranomaly

34.1871, 0.3429, 0.3539

Tritanomaly

34.2335, 0.3098, 0.3305

Monochromacy



Original Color

34.3510, 0.3244, 0.3659

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5922, 0.3179, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3510, 0.3244, 0.3659 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(152, 162, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 162, 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(152, 162, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 162, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.3510, 0.3244, 0.3659 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(152, 162, 138) }
```

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

```
.border{ border-color:rgb(152, 162, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 162, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 162, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 162, 138);  
box-shadow:4px 4px 4px 4px rgb(152, 162,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3510, 0.3244, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 162, 138) }
```

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

```
.background{ background-color: rgb(152,  
162, 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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