

Converting Colors

$Yxy(34.5882, 0.3575, 0.4008)$

Have a look what the booklet for
Yxy(34.5882, 0.3575, 0.4008)
contains.

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Color

Yxy(34.4912, 0.3578, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	A3A172
RGB	163, 161, 114
RGB Percent	64%, 63%, 45%
CMY	0.3607, 0.3686, 0.5529
CMYK	0.00, 0.01, 0.30, 0.36
HSL	58°, 21%, 54%
HSV	58°, 30%, 64%
XYZ	30.8910, 34.4912, 20.9537
YIQ	156.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

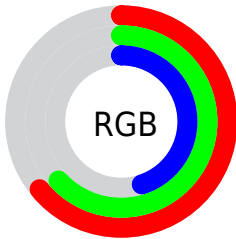
Format	Color
RYB	116, 163, 114
Decimal	10723698
CIELab	65.35, -6.88, 24.79
CIELCh	65, 25.728, 105.509
Yxy	34.4912, 0.3578, 0.3995
Android (android.graphics.Color)	4288913778 (0xFFA3A172)
YUV	156.2400, -20.8243, 5.9285
Hunter-Lab	58.7292, -8.8869, 19.9566

Details

The Yxy color **34.4912, 0.3578, 0.3995** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.7256, 0.2614, 0.2472**, and the grayscale version is **33.4506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7703, 0.3490, 0.3862**, and **14.9130, 0.3719, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **33.9185, 0.3727, 0.4224**, and if you desaturate by 10%, it is **35.1344, 0.3426, 0.3758**.

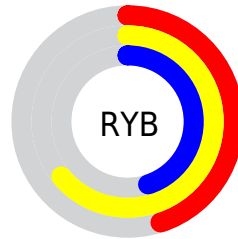
Distribution



Red (64%)

Green (63%)

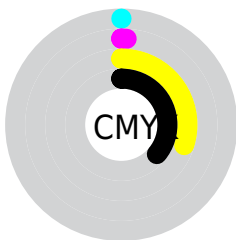
Blue (45%)



Red (45%)

Yellow (64%)

Blue (45%)

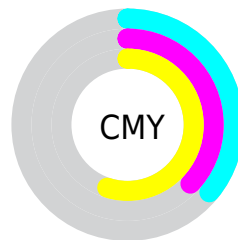


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (36%)



Cyan (36%)

Magenta (37%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4912, 0.3578, 0.3995 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 34.4912, 0.3578, 0.3995 by changing the saturation by 10% instead.


 34.4912, 0.3578,
0.3995


 34.4912, 0.3578,
0.3995


322.3168, 0.3347,
0.3622

 23.2712, 0.3636,
0.4094

 66.6968, 0.3493,
0.3855


 14.7939, 0.3710,
0.4225


 88.4512, 0.3462,
0.3803

 8.6749, 0.3807,
0.4403


 114.4858, 0.3435,
0.3760

 4.5297, 0.3934,
0.4658

 145.1852, 0.3412,
0.3724

 1.9741, 0.4341,
0.5342

180.9335, 0.3393,
0.3693

 0.5923, 0.4001,
0.5999

222.1153, 0.3375,

 0.0000, 0.0000,

0.3666

0.0000

269.1149, 0.3360,
0.3642

■ 34.4912, 0.3578,
0.3995

■ 34.4912, 0.3578,
0.3995

■ 33.9185, 0.3727,
0.4224

■ 35.1344, 0.3426,
0.3758

■ 33.4083, 0.3867,
0.4436

■ 35.8468, 0.3274,
0.3522

■ 32.9581, 0.3992,
0.4623


■ 36.6329, 0.3128,
0.3291


■ 32.5637, 0.4096,
0.4775

■ 37.4956, 0.2989,
0.3072

■ 32.2204, 0.4177,
0.4887


■ 38.4376, 0.2860,
0.2865

 31.9223, 0.4232,
0.4957

 39.4615, 0.2740,
0.2674

 31.6579, 0.4266,
0.4994

 40.5698, 0.2631,
0.2499

 41.7648, 0.2532,
0.2339

 42.6734, 0.2473,
0.2246

Harmonies

Analogous

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



34.4912, 0.3847, 0.3832



34.4912, 0.3578, 0.3995



34.4912, 0.3198, 0.3953

Triad

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



34.4912, 0.3578, 0.3995



34.4912, 0.2396, 0.2953



34.4912, 0.3421, 0.2930

Complementary

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



34.4912, 0.3578, 0.3995



18.7256, 0.2614, 0.2472

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.



34.4912, 0.3016, 0.2723



34.4912, 0.3578, 0.3995



34.4912, 0.2445, 0.2720

Square

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



34.4912, 0.3578, 0.3995



34.4912, 0.2526, 0.3311



34.4912, 0.2664, 0.2644



34.4912, 0.3760, 0.3223

Rectangle

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



34.4912, 0.3578, 0.3995



34.4912, 0.2936, 0.3800



34.4912, 0.2664, 0.2644



34.4912, 0.3287, 0.2849

Sweetspot

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



34.4928, 0.3578, 0.3995



64.2971, 0.3261, 0.3501



21.0997, 0.3748, 0.3253



14.3987, 0.3282, 0.3534



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.



34.4928, 0.3578, 0.3995



61.0603, 0.3677, 0.4148



33.0790, 0.3345, 0.4080



8.1867, 0.3262, 0.3503



24.6124, 0.4266, 0.4995



0.5315, 0.4237, 0.5018

Inverse Universe

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



18.7256, 0.2614, 0.2472



28.2777, 0.2482, 0.2258



19.9241, 0.2849, 0.2490



6.9048, 0.2987, 0.3068



2.1858, 0.1510, 0.0634



0.0592, 0.1554, 0.0794

Previews

White Background



This preview shows how the Yxy color 34.4912, 0.3578, 0.3995 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 34.4912, 0.3578, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

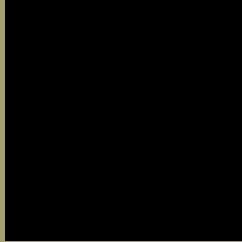
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4912, 0.3578, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 34.4912, 0.3578, 0.3995.



This preview shows how white text looks on a background with the Yxy color 34.4912, 0.3578, 0.3995.

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

34.4912, 0.3578, 0.3995

Protanopia

34.3039, 0.3684, 0.3949

Deuteranopia

34.4088, 0.3866, 0.3788



Tritanopia

34.2994, 0.3165, 0.3119

Trichromacy



Original Color

34.4912, 0.3578, 0.3995

Protanomaly

34.3134, 0.3648, 0.3970

Deuteranomaly

34.2642, 0.3764, 0.3861

Tritanomaly

34.4360, 0.3320, 0.3437

Monochromacy



Original Color

34.4912, 0.3578, 0.3995

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7477, 0.3293, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4912, 0.3578, 0.3995 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(163, 161, 114)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 114)  
}
```

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(163, 161, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 114) }
```

Border

The CSS property to change the border of an element to Yxy 34.4912, 0.3578, 0.3995 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(163, 161, 114) }
```

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

```
.border{ border-color:rgb(163, 161, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 114);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4912, 0.3578, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 114) }
```

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

```
.background{ background-color: rgb(163,  
161, 114) }
```

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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