

Converting Colors

$Yxy(34.5005, 0.3459, 0.3585)$

Have a look what the booklet for
Yxy(34.5005, 0.3459, 0.3585)
contains.

Yxy(34.5780, 0.3457, 0.3582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5780, 0.3457, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	AB9D89
RGB	171, 157, 137
RGB Percent	67%, 62%, 54%
CMY	0.3293, 0.3843, 0.4627
CMYK	0.00, 0.08, 0.20, 0.33
HSL	35°, 17%, 60%
HSV	35°, 20%, 67%
XYZ	33.3713, 34.5780, 28.5833
YIQ	158.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

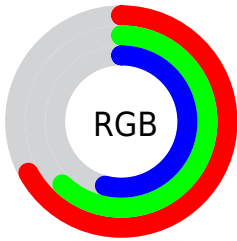
Format	Color
RYB	161, 171, 137
Decimal	11246985
CIELab	65.42, 1.79, 12.32
CIELCh	65, 12.447, 81.723
Yxy	34.5780, 0.3457, 0.3582
Android (android.graphics.Color)	4289437065 (0xFFAB9D89)
YUV	158.9060, -10.7997, 10.6064
Hunter-Lab	58.8031, -1.6048, 12.3421

Details

The Yxy color **34.5780, 0.3457, 0.3582** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4047, 0.2817, 0.2980**, and the grayscale version is **34.6732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1356, 0.3397, 0.3535**, and **14.8477, 0.3558, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **31.8088, 0.3651, 0.3736**, and if you desaturate by 10%, it is **37.5660, 0.3282, 0.3432**.

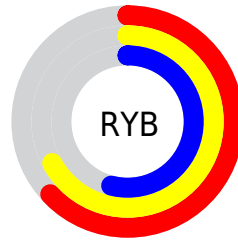
Distribution



Red (67%)

Green (62%)

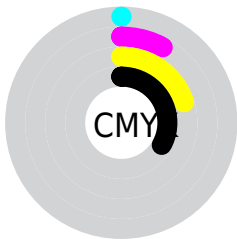
Blue (54%)



Red (63%)

Yellow (67%)

Blue (54%)

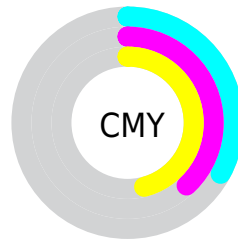


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5780, 0.3457, 0.3582 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 34.5780, 0.3457, 0.3582 by changing the saturation by 10% instead.


 34.5780, 0.3457,
0.3582


 34.5780, 0.3457,
0.3582


322.7017, 0.3284,
0.3430


 23.3380, 0.3503,
0.3622


 66.8315, 0.3392,
0.3525

 14.8433, 0.3564,
0.3675


 88.6138, 0.3368,
0.3504

 8.7095, 0.3648,
0.3747


 114.6789, 0.3348,
0.3487

 4.5522, 0.3772,
0.3851

145.4114, 0.3331,
0.3472

 1.9870, 0.3969,
0.4015

181.1955, 0.3317,
0.3459

 0.5999, 0.5058,
0.4942

222.4156, 0.3304,

 0.0000, 0.0000,

0.3448

0.0000

269.4562, 0.3293,
0.3438

■ 34.5780, 0.3457,
0.3582

■ 34.5780, 0.3457,
0.3582

■ 31.8088, 0.3651,
0.3736

■ 37.5660, 0.3282,
0.3432

■ 29.2476, 0.3863,
0.3890

■ 40.7737, 0.3126,
0.3289

■ 26.8898, 0.4089,
0.4036

■ 44.2080, 0.2987,
0.3154

■ 24.7286, 0.4324,
0.4163

■ 47.8743, 0.2865,
0.3030

■ 22.7567, 0.4558,
0.4262

■ 51.7773, 0.2756,
0.2915

■ 20.9661, 0.4779,
0.4321

■ 55.9221, 0.2661,
0.2810

■ 19.3477, 0.4975,
0.4330

■ 60.2016, 0.2586,
0.2731

■ 17.8850, 0.5144,
0.4296

■ 63.6825, 0.2597,
0.2815

■ 17.8700, 0.5146,
0.4296

■ 67.3177, 0.2607,
0.2898

Harmonies

Analogous

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



34.5780, 0.3509, 0.3458



34.5780, 0.3457, 0.3582



34.5780, 0.3316, 0.3630

Triad

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



34.5780, 0.3457, 0.3582



34.5780, 0.2810, 0.3269



34.5780, 0.3118, 0.3021

Complementary

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



34.5780, 0.3457, 0.3582



30.4047, 0.2817, 0.2980

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.



34.5780, 0.2934, 0.2968



34.5780, 0.3457, 0.3582



34.5780, 0.2760, 0.3104

Square

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



34.5780, 0.3457, 0.3582



34.5780, 0.2943, 0.3446



34.5780, 0.2805, 0.2996



34.5780, 0.3309, 0.3140

Rectangle

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



34.5780, 0.3457, 0.3582



34.5780, 0.3192, 0.3608



34.5780, 0.2805, 0.2996



34.5780, 0.3053, 0.2995

Sweetspot

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



34.5795, 0.3457, 0.3582



69.3831, 0.3221, 0.3376



28.7936, 0.3356, 0.3083



15.3933, 0.3230, 0.3386



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.



34.5795, 0.3457, 0.3582



59.6139, 0.3543, 0.3652



39.2881, 0.3393, 0.3779



8.7679, 0.3272, 0.3423



13.5724, 0.5134, 0.4306



0.4820, 0.4781, 0.4586

Inverse Universe

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



30.4047, 0.2817, 0.2980



50.7294, 0.2742, 0.2899



26.3953, 0.2831, 0.2758



8.2795, 0.2986, 0.3153



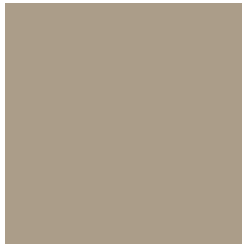
5.6670, 0.1702, 0.1328



0.2671, 0.1875, 0.1950

Previews

White Background



This preview shows how the Yxy color 34.5780, 0.3457, 0.3582 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 34.5780, 0.3457, 0.3582 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 34.5780, 0.3457, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 34.5780, 0.3457, 0.3582.



This preview shows how white text looks on a background with the Yxy color 34.5780, 0.3457, 0.3582.

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

34.5780, 0.3457, 0.3582

Protanopia

34.5042, 0.3403, 0.3585

Deuteranopia

34.5625, 0.3574, 0.3502



Tritanopia

34.6130, 0.3235, 0.3122

Trichromacy



Original Color

34.5780, 0.3457, 0.3582

Protanomaly

34.6135, 0.3414, 0.3584

Deuteranomaly

34.4112, 0.3529, 0.3519

Tritanomaly

34.4764, 0.3319, 0.3276

Monochromacy



Original Color

34.5780, 0.3457, 0.3582

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4746, 0.3240, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5780, 0.3457, 0.3582 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(171, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 137)  
}
```

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(171, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 137) }
```

Border

The CSS property to change the border of an element to Yxy 34.5780, 0.3457, 0.3582 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(171, 157, 137) }
```

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

```
.border{ border-color:rgb(171, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5780, 0.3457, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 137) }
```

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

```
.background{ background-color: rgb(171,  
157, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor