

Converting Colors

$Yxy(35.3238, 0.3449, 0.3446)$

Have a look what the booklet for
Yxy(35.3238, 0.3449, 0.3446)
contains.

Yxy(35.2862, 0.3454, 0.3447)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2862, 0.3454, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	B29C91
RGB	178, 156, 145
RGB Percent	70%, 61%, 57%
CMY	0.3020, 0.3882, 0.4315
CMYK	0.00, 0.12, 0.19, 0.30
HSL	20°, 18%, 63%
HSV	20°, 19%, 70%
XYZ	35.3579, 35.2862, 31.7238
YIQ	161.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

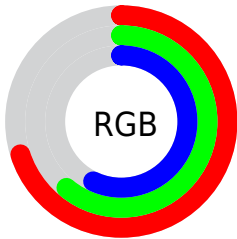
Format	Color
RYB	178, 162, 145
Decimal	11705489
CIELab	65.97, 6.28, 8.74
CIELCh	66, 10.761, 54.318
Yxy	35.2862, 0.3454, 0.3447
Android (android.graphics.Color)	4289895569 (0xFFB29C91)
YUV	161.3240, -8.0477, 14.6249
Hunter-Lab	59.4022, 2.2944, 9.9176

Details

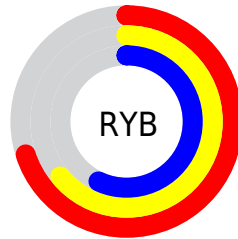
The Yxy color **35.2862, 0.3454, 0.3447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8574, 0.2844, 0.3128**, and the grayscale version is **35.8316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7091, 0.3389, 0.3410**, and **15.2893, 0.3554, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **30.9948, 0.3675, 0.3538**, and if you desaturate by 10%, it is **40.0551, 0.3266, 0.3360**.

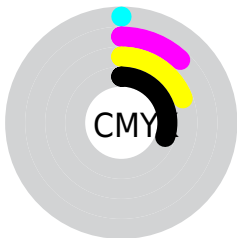
Distribution



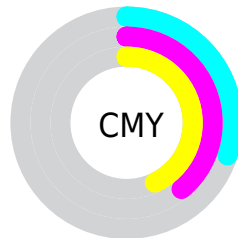
- Red (70%)
- Green (61%)
- Blue (57%)



- Red (70%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (30%)





- Cyan (30%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2862, 0.3454, 0.3447 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 35.2862, 0.3454, 0.3447 by changing the saturation by 10% instead.

 35.2862, 0.3454,
0.3447


 35.2862, 0.3454,
0.3447


325.8298, 0.3282,
0.3367

 23.8834, 0.3500,
0.3468


 67.9289, 0.3389,
0.3417

 15.2472, 0.3561,
0.3494


 89.9376, 0.3366,
0.3406

 8.9930, 0.3645,
0.3530


116.2504, 0.3346,
0.3397

 4.7366, 0.3770,
0.3581

147.2517, 0.3329,
0.3389

 2.0936, 0.3972,
0.3656

183.3259, 0.3315,
0.3383

 0.6610, 0.5038,
0.4261


224.8574, 0.3303,

 0.0000, 0.0000,


0.3377


0.0000


272.2306, 0.3292,
0.3371


 35.2862, 0.3454,
0.3447

 35.2862, 0.3454,
0.3447


 30.9948, 0.3675,
0.3538


 40.0551, 0.3266,
0.3360

 27.1611, 0.3932,
0.3628


 45.3111, 0.3106,
0.3279


 23.7707, 0.4225,
0.3714

 51.0694, 0.2970,
0.3203

 20.8068, 0.4552,
0.3786

 57.3434, 0.2855,
0.3134

 18.2514, 0.4899,
0.3834

 64.1455, 0.2756,
0.3071

■ 16.0849, 0.5248,
0.3845

■ 71.4881, 0.2672,
0.3013

■ 14.2861, 0.5567,
0.3810

■ 78.4083, 0.2671,
0.3113

■ 12.8272, 0.5834,
0.3732

■ 85.5777, 0.2686,
0.3244

■ 12.6410, 0.5871,
0.3720

■ 88.2052, 0.2691,
0.3289

Harmonies

Analogous

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



35.2862, 0.3415, 0.3310



35.2862, 0.3454, 0.3447



35.2862, 0.3403, 0.3548

Triad

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



35.2862, 0.3454, 0.3447



35.2862, 0.2957, 0.3412



35.2862, 0.2974, 0.3014

Complementary

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



35.2862, 0.3454, 0.3447



36.8574, 0.2844, 0.3128

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.



35.2862, 0.2856, 0.3033



35.2862, 0.3454, 0.3447



35.2862, 0.2847, 0.3259

Square

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



35.2862, 0.3454, 0.3447



35.2862, 0.3113, 0.3531



35.2862, 0.2811, 0.3121



35.2862, 0.3134, 0.3064

Rectangle

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



35.2862, 0.3454, 0.3447



35.2862, 0.3325, 0.3579



35.2862, 0.2811, 0.3121



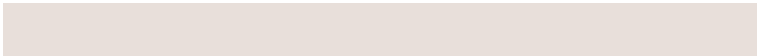
35.2862, 0.2928, 0.3012

Sweetspot

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



35.2878, 0.3454, 0.3447



74.8897, 0.3224, 0.3340



32.4973, 0.3255, 0.2984



16.4601, 0.3235, 0.3345



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.2878, 0.3454, 0.3447



60.9128, 0.3534, 0.3481



41.2033, 0.3414, 0.3671



8.9538, 0.3279, 0.3367



9.1497, 0.5850, 0.3737



0.3980, 0.5302, 0.4172

Inverse Universe

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



36.8574, 0.2844, 0.3128



64.2514, 0.2786, 0.3090



31.1970, 0.2831, 0.2878



9.1437, 0.2986, 0.3212



11.7807, 0.1938, 0.2176



0.4727, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 35.2862, 0.3454, 0.3447 looks on a white background.

Color Contrast Check

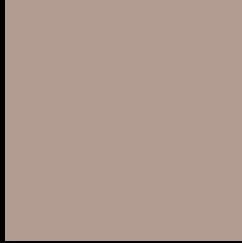
Large Text (above 18pt) WCAG AA × Fail

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 35.2862, 0.3454, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

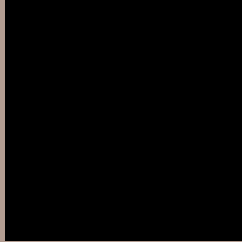
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2862, 0.3454, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 35.2862, 0.3454, 0.3447.



This preview shows how white text looks on a background with the Yxy color 35.2862, 0.3454, 0.3447.

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

35.2862, 0.3454, 0.3447

Protanopia

35.3552, 0.3304, 0.3481

Deuteranopia

35.3108, 0.3487, 0.3431



Tritanopia

35.3228, 0.3295, 0.3126

Trichromacy



Original Color

35.2862, 0.3454, 0.3447

Protanomaly

35.4176, 0.3356, 0.3479

Deuteranomaly

35.1903, 0.3477, 0.3432

Tritanomaly

35.2831, 0.3351, 0.3235

Monochromacy



Original Color

35.2862, 0.3454, 0.3447

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3783, 0.3242, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2862, 0.3454, 0.3447 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(178, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 145)  
}
```

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(178, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.2862, 0.3454, 0.3447 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(178, 156, 145) }
```

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

```
.border{ border-color:rgb(178, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2862, 0.3454, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 145) }
```

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

```
.background{ background-color: rgb(178,  
156, 145) }
```

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