

Converting Colors

$Yxy(34.3278, 0.3207, 0.3422)$

Have a look what the booklet for
Yxy(34.3278, 0.3207, 0.3422)
contains.

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Color

Yxy(34.3692, 0.3209, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	9F9F96
RGB	159, 159, 150
RGB Percent	62%, 62%, 59%
CMY	0.3764, 0.3765, 0.4119
CMYK	0.00, 0.00, 0.06, 0.38
HSL	60°, 5%, 61%
HSV	60°, 6%, 62%
XYZ	32.2017, 34.3692, 33.7771
YIQ	157.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

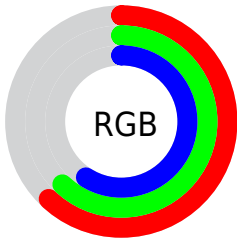
Format	Color
RYB	150, 159, 150
Decimal	10461078
CIELab	65.25, -1.67, 4.70
CIELCh	65, 4.993, 109.548
Yxy	34.3692, 0.3209, 0.3425
Android (android.graphics.Color)	4288651158 (0xFF9F9F96)
YUV	157.9740, -3.9312, 0.8998
Hunter-Lab	58.6253, -4.5477, 6.8775

Details

The Yxy color **34.3692, 0.3209, 0.3425** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7928, 0.3043, 0.3151**, and the grayscale version is **34.1977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7489, 0.3196, 0.3403**, and **14.8141, 0.3243, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **33.8829, 0.3356, 0.3668**, and if you desaturate by 10%, it is **34.9280, 0.3067, 0.3190**.

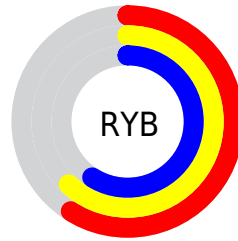
Distribution



Red (62%)

Green (62%)

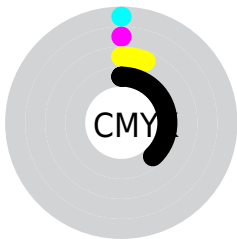
Blue (59%)



Red (59%)

Yellow (62%)

Blue (59%)

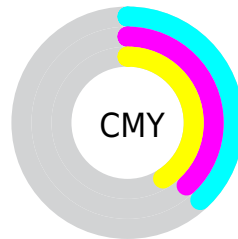


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (38%)


Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3692, 0.3209, 0.3425 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 34.3692, 0.3209, 0.3425 by changing the saturation by 10% instead.

 34.3692, 0.3209,
0.3425


 34.3692, 0.3209,
0.3425

321.7752, 0.3166,
0.3354

 23.1774, 0.3220,
0.3444


 66.5074, 0.3193,
0.3398

 14.7245, 0.3235,
0.3470


 88.2226, 0.3187,
0.3388

 8.6263, 0.3256,
0.3505


114.2143, 0.3182,
0.3380

 4.4982, 0.3287,
0.3558

144.8670, 0.3178,
0.3373

 1.9560, 0.3337,
0.3645

180.5650, 0.3174,
0.3367

 0.5817, 0.3662,
0.4160

221.6928, 0.3171,

 0.0000, 0.0000,

0.3362

0.0000

268.6347, 0.3169,
0.3358

■ 34.3692, 0.3209,
0.3425

■ 34.3692, 0.3209,
0.3425

■ 33.8829, 0.3356,
0.3668

■ 34.9280, 0.3067,
0.3190

■ 33.4619, 0.3505,
0.3914

■ 35.5575, 0.2932,
0.2967

■ 33.1046, 0.3651,
0.4154

■ 36.2616, 0.2806,
0.2759

■ 32.8079, 0.3788,
0.4380

■ 37.0427, 0.2689,
0.2567

■ 32.5683, 0.3912,
0.4583

■ 37.9030, 0.2583,
0.2392

■ 32.3820, 0.4016,
0.4755

■ 38.8448, 0.2486,
0.2232

■ 32.2448, 0.4097,
0.4889

■ 39.4589, 0.2433,
0.2143

■ 32.1516, 0.4153,
0.4981

■ 39.4688, 0.2433,
0.2144

■ 32.0958, 0.4186,
0.5033

■ 39.4788, 0.2433,
0.2144

Harmonies

Analogous

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



34.3692, 0.3262, 0.3406



34.3692, 0.3209, 0.3425



34.3692, 0.3134, 0.3407

Triad

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



34.3692, 0.3209, 0.3425



34.3692, 0.2978, 0.3221



34.3692, 0.3196, 0.3225

Complementary

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



34.3692, 0.3209, 0.3425



30.7928, 0.3043, 0.3151

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.



34.3692, 0.3119, 0.3177



34.3692, 0.3209, 0.3425



34.3692, 0.2994, 0.3174

Square

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



34.3692, 0.3209, 0.3425



34.3692, 0.3001, 0.3288



34.3692, 0.3045, 0.3158



34.3692, 0.3255, 0.3290

Rectangle

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



34.3692, 0.3209, 0.3425



34.3692, 0.3082, 0.3377



34.3692, 0.3045, 0.3158



34.3692, 0.3171, 0.3206

Sweetspot

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



34.3707, 0.3209, 0.3425



61.8891, 0.3156, 0.3338



31.3814, 0.3218, 0.3288



13.9555, 0.3155, 0.3335



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.3707, 0.3209, 0.3425



61.4058, 0.3230, 0.3460



33.9369, 0.3166, 0.3427



7.7394, 0.3234, 0.3466



25.3295, 0.4196, 0.5050



0.4535, 0.4195, 0.5051

Inverse Universe

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



30.7928, 0.3043, 0.3151



53.4524, 0.3021, 0.3114



31.2102, 0.3087, 0.3153



6.7017, 0.3017, 0.3108



1.9827, 0.1501, 0.0602



0.0360, 0.1503, 0.0609

Previews

White Background



This preview shows how the Yxy color 34.3692, 0.3209, 0.3425 looks on a white background.

Color Contrast Check

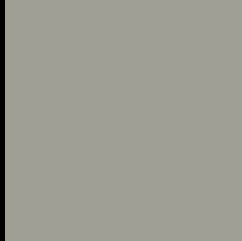
Large Text (above 18pt) WCAG AA × Fail

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 34.3692, 0.3209, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

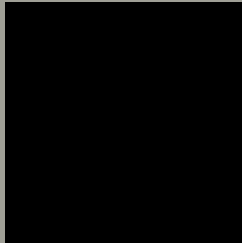
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

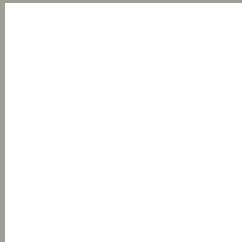
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3692, 0.3209, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 34.3692, 0.3209, 0.3425.



This preview shows how white text looks on a background with the Yxy color 34.3692, 0.3209, 0.3425.

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

34.3692, 0.3209, 0.3425

Protanopia

34.4102, 0.3259, 0.3423

Deuteranopia

34.2469, 0.3381, 0.3319



Tritanopia

34.3229, 0.3068, 0.3102

Trichromacy



Original Color

34.3692, 0.3209, 0.3425

Protanomaly

34.3050, 0.3249, 0.3424

Deuteranomaly

34.2231, 0.3315, 0.3348

Tritanomaly

34.2996, 0.3121, 0.3217

Monochromacy



Original Color

34.3692, 0.3209, 0.3425

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0894, 0.3154, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3692, 0.3209, 0.3425 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(159, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 150)  
}
```

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(159, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.3692, 0.3209, 0.3425 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(159, 159, 150) }
```

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

```
.border{ border-color:rgb(159, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3692, 0.3209, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 150) }
```

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

```
.background{ background-color: rgb(159,  
159, 150) }
```

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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