

Converting Colors

$Yxy(34.4575, 0.3164, 0.3467)$

Have a look what the booklet for
Yxy(34.4575, 0.3164, 0.3467)
contains.

| | |
|---|----|
| Yxy(34.5297, 0.3167, 0.3472) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(34.5297, 0.3167, 0.3472)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9AA195 |
| RGB | 154, 161, 149 |
| RGB Percent | 60%, 63%, 58% |
| CMY | 0.3960, 0.3686, 0.4158 |
| CMYK | 0.04, 0.00, 0.07, 0.37 |
| HSL | 95°, 6%, 61% |
| HSV | 95°, 7%, 63% |
| XYZ | 31.4964, 34.5297, 33.4258 |
| YIQ | 157.5390, -0.3200, -5.2160 |

Conversions

Conversions Part 2

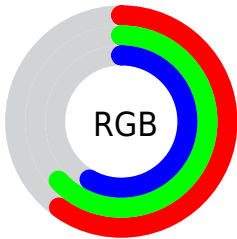
| Format | Color |
|-------------------------------------|---|
| RYB | 149, 161, 156 |
| Decimal | 10133909 |
| CIELab | 65.38, -4.78, 5.39 |
| CIElCh | 65, 7.206, 131.539 |
| Yxy | 34.5297, 0.3167, 0.3472 |
| Android (android.graphics.Color) | 4288323989 (0xFF9AA195) |
| YUV | 157.5390, -4.2097, -3.1037 |
| Hunter-Lab | 58.7620, -7.1575, 7.4072 |

Details

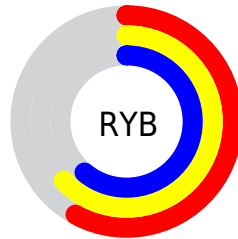
The Yxy color **34.5297, 0.3167, 0.3472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1224, 0.3085, 0.3109**, and the grayscale version is **33.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8334, 0.3157, 0.3439**, and **14.9173, 0.3183, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **33.1702, 0.3220, 0.3735**, and if you desaturate by 10%, it is **36.0348, 0.3114, 0.3231**.

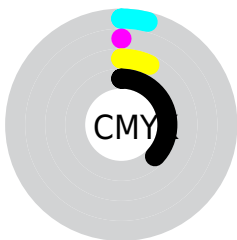
Distribution



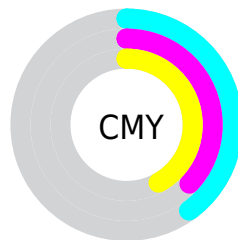
- Red (60%)
- Green (63%)
- Blue (58%)



- Red (58%)
- Yellow (63%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)





- Cyan (40%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5297, 0.3167, 0.3472 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 34.5297, 0.3167, 0.3472 by changing the saturation by 10% instead.


 34.5297, 0.3167,
0.3472


 34.5297, 0.3167,
0.3472


322.4876, 0.3147,
0.3376

 23.3008, 0.3172,
0.3498


 66.7566, 0.3159,
0.3436

 14.8158, 0.3179,
0.3533


 88.5233, 0.3157,
0.3422

 8.6902, 0.3189,
0.3582


114.5715, 0.3154,
0.3411

 4.5397, 0.3202,
0.3655

145.2855, 0.3152,
0.3402

 1.9798, 0.3222,
0.3777

181.0497, 0.3151,
0.3394

 0.5957, 0.3414,
0.4524

222.2485, 0.3149,

 0.0000, 0.0000,

0.3387

0.0000

269.2663, 0.3148,
0.3381

■ 34.5297, 0.3167,
0.3472

■ 34.5297, 0.3167,
0.3472

■ 33.1702, 0.3220,
0.3735

■ 36.0348, 0.3114,
0.3231

■ 31.9471, 0.3269,
0.4019

■ 37.6851, 0.3061,
0.3014

■ 30.8573, 0.3313,
0.4317

■ 39.4865, 0.3011,
0.2820


■ 29.8957, 0.3348,
0.4622

■ 41.4426, 0.2963,
0.2647


■ 29.0568, 0.3369,
0.4920


■ 43.5575, 0.2917,
0.2493


 28.3347, 0.3375,
0.5196


 45.8346, 0.2875,
0.2357


 27.7229, 0.3362,
0.5435

 47.8403, 0.2882,
0.2293

 27.2141, 0.3330,
0.5622

 49.3350, 0.2957,
0.2314

 26.7975, 0.3282,
0.5755

 50.9125, 0.3033,
0.2336

Harmonies

Analogous

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



34.5297, 0.3269, 0.3483



34.5297, 0.3167, 0.3472



34.5297, 0.3055, 0.3410

Triad

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



34.5297, 0.3167, 0.3472



34.5297, 0.2924, 0.3137



34.5297, 0.3292, 0.3263

Complementary

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



34.5297, 0.3167, 0.3472



31.1224, 0.3085, 0.3109

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.



34.5297, 0.3197, 0.3175



34.5297, 0.3167, 0.3472



34.5297, 0.2985, 0.3102

Square

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



34.5297, 0.3167, 0.3472



34.5297, 0.2916, 0.3214



34.5297, 0.3084, 0.3116



34.5297, 0.3343, 0.3360

Rectangle

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



34.5297, 0.3167, 0.3472



34.5297, 0.2991, 0.3348



34.5297, 0.3084, 0.3116



34.5297, 0.3265, 0.3231

Sweetspot

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



34.5312, 0.3167, 0.3472



63.2720, 0.3138, 0.3338



33.4523, 0.3242, 0.3392



13.8836, 0.3137, 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.



34.5312, 0.3167, 0.3472



61.4095, 0.3176, 0.3515



34.0720, 0.3111, 0.3462



8.0334, 0.3177, 0.3518



21.3489, 0.3277, 0.5780



0.4761, 0.3579, 0.5540

Inverse Universe

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



31.1224, 0.3085, 0.3109



54.0034, 0.3074, 0.3067



31.6079, 0.3143, 0.3124



7.0534, 0.3074, 0.3064



3.9579, 0.2206, 0.0989



0.1101, 0.2577, 0.1193

Previews

White Background



This preview shows how the Yxy color 34.5297, 0.3167, 0.3472 looks on a white background.

Color Contrast Check

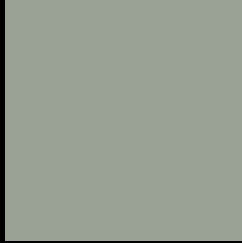
Large Text (above 18pt) WCAG AA × Fail

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 34.5297, 0.3167, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

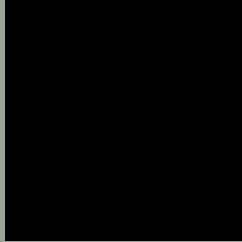
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

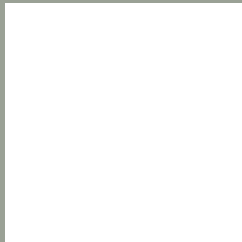
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5297, 0.3167, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 34.5297, 0.3167, 0.3472.



This preview shows how white text looks on a background with the Yxy color 34.5297, 0.3167, 0.3472.

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

34.5297, 0.3167, 0.3472

Protanopia

34.4528, 0.3288, 0.3453

Deuteranopia

34.3639, 0.3391, 0.3319



Tritanopia

34.5241, 0.3012, 0.3115

Trichromacy



Original Color

34.5297, 0.3167, 0.3472

Protanomaly

34.4080, 0.3237, 0.3454

Deuteranomaly

34.4140, 0.3313, 0.3378

Tritanomaly

34.4728, 0.3072, 0.3245

Monochromacy



Original Color

34.5297, 0.3167, 0.3472

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3309, 0.3144, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5297, 0.3167, 0.3472 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(154, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 149)  
}
```

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(154, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.5297, 0.3167, 0.3472 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(154, 161, 149) }
```

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

```
.border{ border-color:rgb(154, 161, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 161, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 161, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 161,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5297, 0.3167, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 149) }
```

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

```
.background{ background-color: rgb(154,  
161, 149) }
```

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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