

Converting Colors

$Yxy(34.5382, 0.3389, 0.3501)$

Have a look what the booklet for
Yxy(34.5382, 0.3389, 0.3501)
contains.

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Color

Yxy(34.6130, 0.3398, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	AA9D8E
RGB	170, 157, 142
RGB Percent	67%, 62%, 56%
CMY	0.3333, 0.3843, 0.4431
CMYK	0.00, 0.08, 0.16, 0.33
HSL	32°, 14%, 61%
HSV	32°, 16%, 67%
XYZ	33.5181, 34.6130, 30.5095
YIQ	159.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

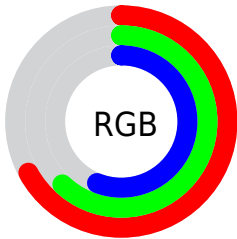
Format	Color
R _Y B	166, 170, 142
Decimal	11181454
CIE Lab	65.45, 2.19, 9.55
CIE LCh	65, 9.798, 77.086
Yxy	34.6130, 0.3398, 0.3509
Android (android.graphics.Color)	4289371534 (0xFFAA9D8E)
YUV	159.1770, -8.4683, 9.4918
Hunter-Lab	58.8328, -1.2628, 10.4363

Details

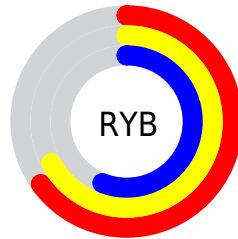
The Yxy color **34.6130, 0.3398, 0.3509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1010, 0.2874, 0.3061**, and the grayscale version is **34.7926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0800, 0.3338, 0.3468**, and **14.9323, 0.3488, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **31.5560, 0.3591, 0.3650**, and if you desaturate by 10%, it is **37.9236, 0.3227, 0.3374**.

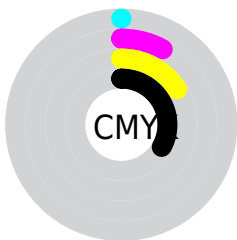
Distribution



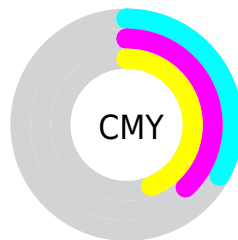
- Red (67%)
- Green (62%)
- Blue (56%)



- Red (65%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6130, 0.3398, 0.3509 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 34.6130, 0.3398, 0.3509 by changing the saturation by 10% instead.


 34.6130, 0.3398,
0.3509


 34.6130, 0.3398,
0.3509


322.8568, 0.3255,
0.3395


 23.3649, 0.3436,
0.3539


 66.8858, 0.3344,
0.3466

 14.8632, 0.3486,
0.3579


 88.6793, 0.3325,
0.3451

 8.7234, 0.3556,
0.3633


 114.7568, 0.3309,
0.3438

 4.5612, 0.3660,
0.3712

145.5025, 0.3295,
0.3426

 1.9922, 0.3827,
0.3837

181.3010, 0.3283,
0.3417

 0.6029, 0.5096,
0.4904

222.5367, 0.3272,

 0.0000, 0.0000,

0.3409

0.0000

269.5938, 0.3263,
0.3401

■ 34.6130, 0.3398,
0.3509

■ 34.6130, 0.3398,
0.3509

■ 31.5560, 0.3591,
0.3650

■ 37.9236, 0.3227,
0.3374

■ 28.7414, 0.3805,
0.3792

■ 41.4897, 0.3076,
0.3246

■ 26.1634, 0.4039,
0.3929

■ 45.3190, 0.2944,
0.3127

■ 23.8146, 0.4289,
0.4053

■ 49.4174, 0.2828,
0.3017

■ 21.6868, 0.4545,
0.4152

■ 53.7906, 0.2726,
0.2915

■ 19.7714, 0.4796,
0.4215

■ 58.4442, 0.2637,
0.2823

■ 18.0584, 0.5027,
0.4231

■ 62.9901, 0.2589,
0.2800

■ 16.5359, 0.5226,
0.4195

■ 67.0416, 0.2601,
0.2894

■ 16.0363, 0.5295,
0.4178

■ 71.2889, 0.2613,
0.2986

Harmonies

Analogous

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



34.6130, 0.3425, 0.3406



34.6130, 0.3398, 0.3509



34.6130, 0.3297, 0.3556

Triad

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



34.6130, 0.3398, 0.3509



34.6130, 0.2889, 0.3296



34.6130, 0.3097, 0.3066

Complementary

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



34.6130, 0.3398, 0.3509



32.1010, 0.2874, 0.3061

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.



34.6130, 0.2956, 0.3034



34.6130, 0.3398, 0.3509



34.6130, 0.2838, 0.3163

Square

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



34.6130, 0.3398, 0.3509



34.6130, 0.3003, 0.3432



34.6130, 0.2862, 0.3068



34.6130, 0.3249, 0.3154

Rectangle

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



34.6130, 0.3398, 0.3509



34.6130, 0.3203, 0.3546



34.6130, 0.2862, 0.3068



34.6130, 0.3046, 0.3049

Sweetspot

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



34.6145, 0.3398, 0.3509



69.6671, 0.3205, 0.3356



30.2649, 0.3296, 0.3100



15.4404, 0.3216, 0.3365



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.



34.6145, 0.3398, 0.3509



60.5858, 0.3470, 0.3563



39.1469, 0.3360, 0.3691



8.1826, 0.3273, 0.3411



11.9086, 0.5280, 0.4190



0.3906, 0.4834, 0.4544

Inverse Universe

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



32.1010, 0.2874, 0.3061



55.0977, 0.2811, 0.3000



28.0865, 0.2874, 0.2857



7.8533, 0.2987, 0.3166



6.3534, 0.1748, 0.1491



0.2576, 0.1926, 0.2132

Previews

White Background



This preview shows how the Yxy color 34.6130, 0.3398, 0.3509 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 34.6130, 0.3398, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

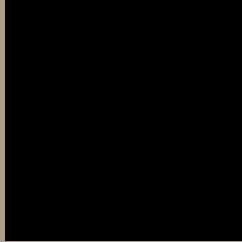
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

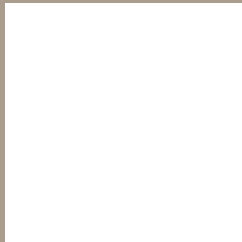
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6130, 0.3398, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 34.6130, 0.3398, 0.3509.



This preview shows how white text looks on a background with the Yxy color 34.6130, 0.3398, 0.3509.

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

34.6130, 0.3398, 0.3509

Protanopia

34.5439, 0.3345, 0.3511

Deuteranopia

34.4689, 0.3502, 0.3432



Tritanopia

34.7486, 0.3204, 0.3121

Trichromacy



Original Color

34.6130, 0.3398, 0.3509

Protanomaly

34.6524, 0.3356, 0.3511

Deuteranomaly

34.3245, 0.3458, 0.3448

Tritanomaly

34.6477, 0.3278, 0.3262

Monochromacy



Original Color

34.6130, 0.3398, 0.3509

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5402, 0.3222, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6130, 0.3398, 0.3509 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(170, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 142)  
}
```

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(170, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 142) }
```

Border

The CSS property to change the border of an element to Yxy 34.6130, 0.3398, 0.3509 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(170, 157, 142) }
```

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

```
.border{ border-color:rgb(170, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6130, 0.3398, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 142) }
```

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

```
.background{ background-color: rgb(170,  
157, 142) }
```

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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