

Converting Colors

$Y_{xy}(35.0024, 0.2902, 0.3331)$

Have a look what the booklet for
Yxy(35.0024, 0.2902, 0.3331)
contains.

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Color

Yxy(34.9579, 0.2901, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	8AA5A3
RGB	138, 165, 163
RGB Percent	54%, 65%, 64%
CMY	0.4589, 0.3529, 0.3608
CMYK	0.16, 0.00, 0.01, 0.35
HSL	176°, 13%, 59%
HSV	176°, 16%, 65%
XYZ	30.5460, 34.9579, 39.7909
YIQ	156.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

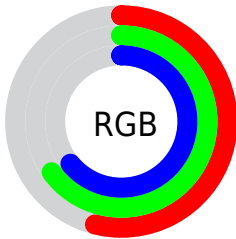
Format	Color
R_{YB}	138, 152, 165
Decimal	9086371
CIE _{Lab}	65.72, -9.74, -2.10
CIE _{LCh}	66, 9.962, 192.171
Yxy	34.9579, 0.2901, 0.3320
Android (android.graphics.Color)	4287276451 (0xFF8AA5A3)
YUV	156.6990, 3.1064, -16.3990
Hunter-Lab	59.1252, -11.2501, 1.4858

Details

The Yxy color **34.9579, 0.2901, 0.3320** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.0666, 0.3408, 0.3260**, and the grayscale version is **33.5656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4548, 0.2946, 0.3313**, and **15.0327, 0.2838, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **33.6138, 0.2774, 0.3340**, and if you desaturate by 10%, it is **36.5191, 0.3037, 0.3301**.

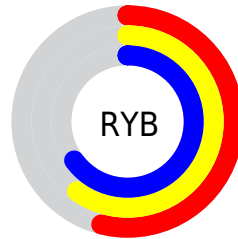
Distribution



Red (54%)

Green (65%)

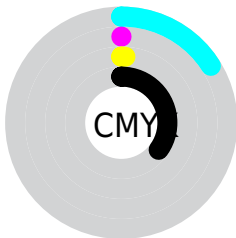
Blue (64%)



Red (54%)

Yellow (60%)

Blue (65%)

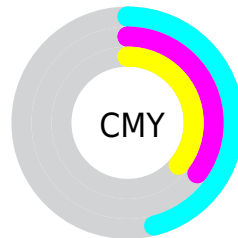


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9579, 0.2901, 0.3320 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 34.9579, 0.2901, 0.3320 by changing the saturation by 10% instead.

 34.9579, 0.2901,
0.3320


 34.9579, 0.2901,
0.3320


324.3825, 0.3019,
0.3305


 23.6304, 0.2870,
0.3324


 67.4205, 0.2945,
0.3315

 15.0597, 0.2829,
0.3328


 89.3245, 0.2961,
0.3313

 8.8613, 0.2772,
0.3335

 115.5228, 0.2975,
0.3311

 4.6508, 0.2689,
0.3343

146.3998, 0.2986,
0.3309

 2.0439, 0.2555,
0.3355

182.3398, 0.2996,
0.3308

 0.6328, 0.1985,
0.3453

223.7274, 0.3005,

 0.0000, 0.0000,

0.3307

0.0000

270.9468, 0.3012,
0.3306

■ 34.9579, 0.2901,
0.3320

■ 34.9579, 0.2901,
0.3320

■ 33.6138, 0.2774,
0.3340

■ 36.5191, 0.3037,
0.3301

■ 32.4729, 0.2658,
0.3362

■ 38.3022, 0.3179,
0.3284

■ 31.5262, 0.2557,
0.3385

■ 40.3170, 0.3325,
0.3268

■ 30.7626, 0.2472,
0.3409

■ 42.5716, 0.3472,
0.3255

■ 30.1695, 0.2405,
0.3433

■ 45.0736, 0.3618,
0.3243

■ 29.7331, 0.2357,
0.3458

■ 47.8304, 0.3761,
0.3232

■ 29.4372, 0.2327,
0.3483

■ 50.8490, 0.3901,
0.3223

■ 29.2590, 0.2313,
0.3507

■ 51.1808, 0.3903,
0.3210

■ 29.2058, 0.2310,
0.3516

■ 51.2282, 0.3891,
0.3198

Harmonies

Analogous

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



34.9579, 0.3025, 0.3454



34.9579, 0.2901, 0.3320



34.9579, 0.2838, 0.3181

Triad

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



34.9579, 0.2901, 0.3320



34.9579, 0.3071, 0.3054



34.9579, 0.3412, 0.3498

Complementary

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



34.9579, 0.2901, 0.3320



28.0666, 0.3408, 0.3260

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.



34.9579, 0.3426, 0.3387



34.9579, 0.2901, 0.3320



34.9579, 0.3226, 0.3134

Square

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



34.9579, 0.2901, 0.3320



34.9579, 0.2934, 0.3032



34.9579, 0.3357, 0.3255



34.9579, 0.3320, 0.3556

Rectangle

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



34.9579, 0.2901, 0.3320



34.9579, 0.2837, 0.3106



34.9579, 0.3357, 0.3255



34.9579, 0.3426, 0.3465

Sweetspot

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



34.9593, 0.2901, 0.3320



65.7847, 0.3055, 0.3299



34.3434, 0.3128, 0.3717



14.3378, 0.3046, 0.3300



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.9593, 0.2901, 0.3320



61.5976, 0.2849, 0.3328



31.1474, 0.2878, 0.3114



8.0022, 0.2997, 0.3306



22.0959, 0.2309, 0.3513



0.4668, 0.2285, 0.3424

Inverse Universe

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



28.0666, 0.3408, 0.3260



46.6649, 0.3493, 0.3253



31.4073, 0.3403, 0.3460



7.0941, 0.3274, 0.3274



6.0752, 0.6298, 0.3243



0.1301, 0.5856, 0.2999

Previews

White Background



This preview shows how the Yxy color 34.9579, 0.2901, 0.3320 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 34.9579, 0.2901, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

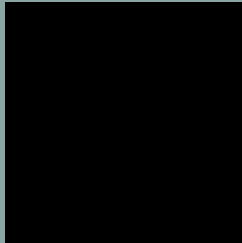
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9579, 0.2901, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 34.9579, 0.2901, 0.3320.

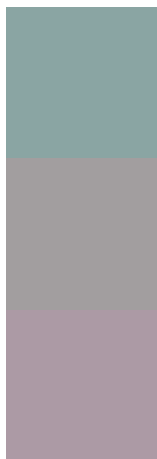


This preview shows how white text looks on a background with the Yxy color 34.9579, 0.2901, 0.3320.

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

34.9579, 0.2901, 0.3320

Protanopia

34.6383, 0.3157, 0.3275

Deuteranopia

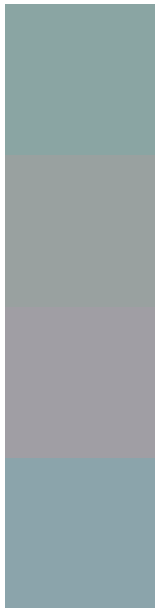
34.5985, 0.3204, 0.3135



Tritanopia

34.9044, 0.2815, 0.3095

Trichromacy



Original Color

34.9579, 0.2901, 0.3320

Protanomaly

34.8001, 0.3060, 0.3305

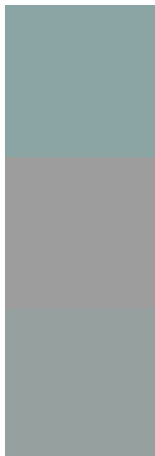
Deuteranomaly

34.6076, 0.3093, 0.3202

Tritanomaly

34.9802, 0.2846, 0.3183

Monochromacy



Original Color

34.9579, 0.2901, 0.3320

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1288, 0.3041, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9579, 0.2901, 0.3320 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(138, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 163)  
}
```

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(138, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.9579, 0.2901, 0.3320 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(138, 165, 163) }
```

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

```
.border{ border-color:rgb(138, 165, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 165,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9579, 0.2901, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 163) }
```

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

```
.background{ background-color: rgb(138,  
165, 163) }
```

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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