

Converting Colors

$Yxy(29.5459, 0.3384, 0.3183)$

Have a look what the booklet for
Yxy(29.5459, 0.3384, 0.3183)
contains.

Yxy(29.5522, 0.3384, 0.3173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.5522, 0.3384, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	AB8C94
RGB	171, 140, 148
RGB Percent	67%, 55%, 58%
CMY	0.3294, 0.4510, 0.4195
CMYK	0.00, 0.18, 0.13, 0.33
HSL	344°, 16%, 61%
HSV	344°, 18%, 67%
XYZ	31.5174, 29.5522, 32.0669
YIQ	150.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

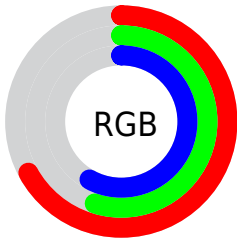
Format	Color
R_{YB}	171, 140, 148
Decimal	11242644
CIE _{Lab}	61.27, 13.04, 0.15
CIE _{LCh}	61, 13.036, 0.671
Yxy	29.5522, 0.3384, 0.3173
Android (android.graphics.Color)	4289432724 (0xFFAB8C94)
YUV	150.1810, -1.0752, 18.2583
Hunter-Lab	54.3619, 8.3554, 3.0795

Details

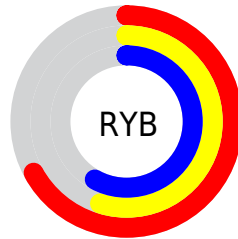
The Yxy color **29.5522, 0.3384, 0.3173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3418, 0.2921, 0.3411**, and the grayscale version is **30.5804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1787, 0.3334, 0.3201**, and **12.0269, 0.3474, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **24.5586, 0.3572, 0.3104**, and if you desaturate by 10%, it is **35.3689, 0.3231, 0.3239**.

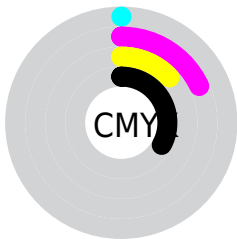
Distribution



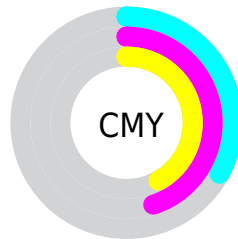
- Red (67%)
- Green (55%)
- Blue (58%)



- Red (67%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5522, 0.3384, 0.3173 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 29.5522, 0.3384, 0.3173 by changing the saturation by 10% instead.


 29.5522, 0.3384,
0.3173


 29.5522, 0.3384,
0.3173


299.8115, 0.3246,
0.3236

 19.4989, 0.3422,
0.3156


 58.9533, 0.3331,
0.3197

 12.0314, 0.3474,
0.3132


 79.0699, 0.3312,
0.3206

 6.7650, 0.3547,
0.3098


 103.3098, 0.3296,
0.3213

 3.3156, 0.3660,
0.3047

132.0573, 0.3283,
0.3219

 1.2986, 0.3854,
0.2957

165.6968, 0.3272,
0.3224

 0.1401, 0.6154,
0.1911

204.6128, 0.3262,

 0.0000, 0.0000,

0.3229

0.0000

249.1895, 0.3253,
0.3233

■ 29.5522, 0.3384,
0.3173

■ 29.5522, 0.3384,
0.3173

■ 24.5586, 0.3572,
0.3104

■ 35.3689, 0.3231,
0.3239

■ 20.3470, 0.3801,
0.3035

■ 42.0396, 0.3106,
0.3301

■ 16.8787, 0.4075,
0.2971

■ 49.5983, 0.3004,
0.3359

■ 14.1101, 0.4396,
0.2918

■ 58.0761, 0.2921,
0.3411

■ 11.9930, 0.4757,
0.2887

■ 67.5024, 0.2852,
0.3459

■ 10.4730, 0.5138,
0.2888

■ 77.9056, 0.2796,
0.3502

■ 9.4869, 0.5508,
0.2928

■ 86.2774, 0.2744,
0.3492

■ 8.9286, 0.5832,
0.3004

■ 87.0439, 0.2683,
0.3349

■ 8.8403, 0.5889,
0.3018

■ 87.3969, 0.2657,
0.3289

Harmonies

Analogous

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



29.5522, 0.3181, 0.3026



29.5522, 0.3384, 0.3173



29.5522, 0.3518, 0.3352

Triad

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



29.5522, 0.3384, 0.3173



29.5522, 0.3276, 0.3662



29.5522, 0.2727, 0.3041

Complementary

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



29.5522, 0.3384, 0.3173



37.3418, 0.2921, 0.3411

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.



29.5522, 0.2751, 0.3207



29.5522, 0.3384, 0.3173



29.5522, 0.3063, 0.3576

Square

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



29.5522, 0.3384, 0.3173



29.5522, 0.3453, 0.3638



29.5522, 0.2872, 0.3406



29.5522, 0.2806, 0.2948

Rectangle

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



29.5522, 0.3384, 0.3173



29.5522, 0.3549, 0.3469



29.5522, 0.2872, 0.3406



29.5522, 0.2723, 0.3090

Sweetspot

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



29.5535, 0.3384, 0.3173



66.8100, 0.3190, 0.3259



29.4557, 0.3062, 0.2839



14.7226, 0.3199, 0.3254



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.



29.5535, 0.3384, 0.3173



48.9404, 0.3460, 0.3144



31.4914, 0.3452, 0.3397



8.0481, 0.3247, 0.3232



6.6726, 0.5865, 0.3004



0.1946, 0.5016, 0.2537

Inverse Universe

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



29.5535, 0.3384, 0.3173



48.9404, 0.3460, 0.3144



34.9813, 0.2854, 0.3180



8.0481, 0.3247, 0.3232



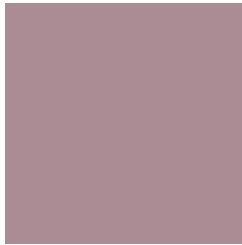
6.6726, 0.5865, 0.3004



0.1946, 0.5016, 0.2537

Previews

White Background



This preview shows how the Yxy color 29.5522, 0.3384, 0.3173 looks on a white background.

Color Contrast Check

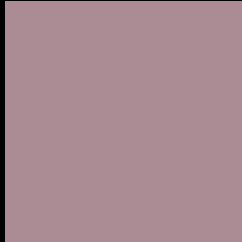
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5522, 0.3384, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

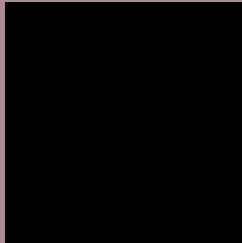
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5522, 0.3384, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 29.5522, 0.3384, 0.3173.



This preview shows how white text looks on a background with the Yxy color 29.5522, 0.3384, 0.3173.

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

29.5522, 0.3384, 0.3173

Protanopia

29.5240, 0.3100, 0.3212

Deuteranopia

29.4329, 0.3291, 0.3230



Tritanopia

29.6161, 0.3363, 0.3144

Trichromacy



Original Color

29.5522, 0.3384, 0.3173

Protanomaly

29.3490, 0.3196, 0.3183

Deuteranomaly

29.4519, 0.3325, 0.3216

Tritanomaly

29.5840, 0.3374, 0.3159

Monochromacy



Original Color

29.5522, 0.3384, 0.3173

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9968, 0.3224, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5522, 0.3384, 0.3173 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(171, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 148)  
}
```

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(171, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.5522, 0.3384, 0.3173 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(171, 140, 148) }
```

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

```
.border{ border-color:rgb(171, 140, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 140, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 140, 148); box-shadow:4px 4px 4px 4px rgb(171, 140, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5522, 0.3384, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 148) }
```

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

```
.background{ background-color: rgb(171,  
140, 148) }
```

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