

Converting Colors

$Yxy(34.6442, 0.3291, 0.3273)$

Have a look what the booklet for
Yxy(34.6442, 0.3291, 0.3273)
contains.

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Color

Yxy(34.6136, 0.3288, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	AC9B9C
RGB	172, 155, 156
RGB Percent	67%, 61%, 61%
CMY	0.3254, 0.3922, 0.3882
CMYK	0.00, 0.10, 0.09, 0.33
HSL	356°, 9%, 64%
HSV	356°, 10%, 67%
XYZ	34.7404, 34.6136, 36.3041
YIQ	160.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

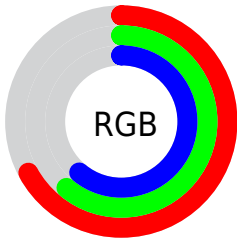
Format	Color
RYB	172, 155, 156
Decimal	11312028
CIELab	65.45, 6.43, 1.74
CIELCh	65, 6.662, 15.146
Yxy	34.6136, 0.3288, 0.3276
Android (android.graphics.Color)	4289502108 (0xFFAC9B9C)
YUV	160.1970, -2.0691, 10.3512
Hunter-Lab	58.8333, 2.4438, 4.5974

Details

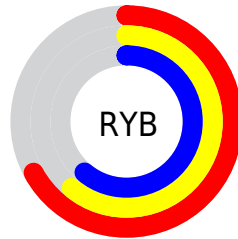
The Yxy color **34.6136, 0.3288, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4256, 0.2986, 0.3304**, and the grayscale version is **35.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5850, 0.3256, 0.3279**, and **14.9136, 0.3343, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **28.7792, 0.3490, 0.3261**, and if you desaturate by 10%, it is **41.3398, 0.3126, 0.3290**.

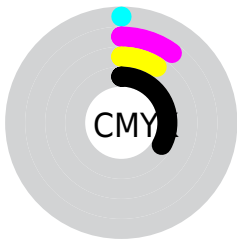
Distribution



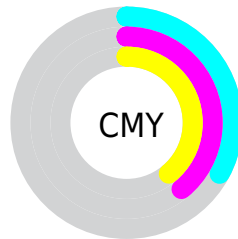
- Red (67%)
- Green (61%)
- Blue (61%)



- Red (67%)
- Yellow (61%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6136, 0.3288, 0.3276 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 34.6136, 0.3288, 0.3276 by changing the saturation by 10% instead.


 34.6136, 0.3288,
0.3276

 34.6136, 0.3288,
0.3276


322.8595, 0.3203,
0.3284

 23.3654, 0.3311,
0.3274


 66.8867, 0.3256,
0.3279

 14.8635, 0.3341,
0.3271


 88.6804, 0.3245,
0.3280

 8.7237, 0.3383,
0.3266


114.7581, 0.3235,
0.3281

 4.5614, 0.3445,
0.3259

145.5041, 0.3227,
0.3282

 1.9923, 0.3547,
0.3247

181.3029, 0.3220,
0.3282

 0.6030, 0.3909,
0.3228

222.5387, 0.3213,

 0.0000, 0.0000,

0.3283

0.0000

269.5961, 0.3208,
0.3283

■ 34.6136, 0.3288,
0.3276

■ 34.6136, 0.3288,
0.3276

■ 28.7792, 0.3490,
0.3261

■ 41.3398, 0.3126,
0.3290

■ 23.7950, 0.3740,
0.3246

■ 48.9883, 0.2995,
0.3303

■ 19.6225, 0.4048,
0.3231

■ 57.5936, 0.2889,
0.3315

■ 16.2188, 0.4417,
0.3218

■ 67.1873, 0.2803,
0.3326

■ 13.5370, 0.4843,
0.3210

■ 77.7994, 0.2733,
0.3335

■ 11.5249, 0.5300,
0.3211

■ 87.3922, 0.2671,
0.3309

■ 10.1236, 0.5740,
0.3221

■ 87.5141, 0.2662,
0.3289

■ 9.2636, 0.6099,
0.3243

■ 8.8004, 0.6331,
0.3262

Harmonies

Analogous

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



34.6136, 0.3204, 0.3192



34.6136, 0.3288, 0.3276



34.6136, 0.3328, 0.3365

Triad

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



34.6136, 0.3288, 0.3276



34.6136, 0.3152, 0.3453



34.6136, 0.2943, 0.3142

Complementary

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



34.6136, 0.3288, 0.3276



39.4256, 0.2986, 0.3304

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.



34.6136, 0.2930, 0.3210



34.6136, 0.3288, 0.3276



34.6136, 0.3049, 0.3391

Square

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



34.6136, 0.3288, 0.3276



34.6136, 0.3249, 0.3469



34.6136, 0.2969, 0.3301



34.6136, 0.3005, 0.3115

Rectangle

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



34.6136, 0.3288, 0.3276



34.6136, 0.3325, 0.3416



34.6136, 0.2969, 0.3301



34.6136, 0.2933, 0.3161

Sweetspot

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



34.6151, 0.3288, 0.3276



70.9476, 0.3173, 0.3286



35.0664, 0.3127, 0.3051



15.2046, 0.3186, 0.3285



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.



34.6151, 0.3288, 0.3276



60.1853, 0.3331, 0.3273



37.1139, 0.3286, 0.3395



8.0228, 0.3277, 0.3277



6.5464, 0.6321, 0.3256



0.1846, 0.5995, 0.3076

Inverse Universe

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



34.6151, 0.3288, 0.3276



60.1853, 0.3331, 0.3273



36.7310, 0.2977, 0.3183



8.0228, 0.3277, 0.3277



6.5464, 0.6321, 0.3256



0.1846, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 34.6136, 0.3288, 0.3276 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 34.6136, 0.3288, 0.3276 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 34.6136, 0.3288, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 34.6136, 0.3288, 0.3276.



This preview shows how white text looks on a background with the Yxy color 34.6136, 0.3288, 0.3276.

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

34.6136, 0.3288, 0.3276

Protanopia

34.6037, 0.3166, 0.3290

Deuteranopia

34.6255, 0.3320, 0.3262



Tritanopia

34.7486, 0.3204, 0.3121

Trichromacy



Original Color

34.6136, 0.3288, 0.3276

Protanomaly

34.6553, 0.3216, 0.3290

Deuteranomaly

34.5102, 0.3310, 0.3262

Tritanomaly

34.6041, 0.3242, 0.3177

Monochromacy



Original Color

34.6136, 0.3288, 0.3276

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8494, 0.3176, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6136, 0.3288, 0.3276 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(172, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 156)  
}
```

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(172, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.6136, 0.3288, 0.3276 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(172, 155, 156) }
```

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

```
.border{ border-color:rgb(172, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6136, 0.3288, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 156) }
```

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

```
.background{ background-color: rgb(172,  
155, 156) }
```

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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