

Converting Colors

Yxy(36.4744, 0.3272, 0.3368)

Have a look what the booklet for
Yxy(36.4744, 0.3272, 0.3368)
contains.

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Color

Yxy(36.5142, 0.3278, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	ABA19B
RGB	171, 161, 155
RGB Percent	67%, 63%, 61%
CMY	0.3294, 0.3686, 0.3922
CMYK	0.00, 0.06, 0.09, 0.33
HSL	23°, 9%, 64%
HSV	23°, 9%, 67%
XYZ	35.4542, 36.5142, 36.1897
YIQ	163.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

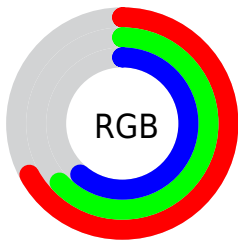
Format	Color
RYB	171, 165, 155
Decimal	11248027
CIELab	66.91, 2.55, 4.41
CIELCh	67, 5.096, 59.956
Yxy	36.5142, 0.3278, 0.3376
Android (android.graphics.Color)	4289438107 (0xFFABA19B)
YUV	163.3060, -4.0949, 6.7476
Hunter-Lab	60.4270, -1.0161, 6.7901

Details

The Yxy color **36.5142, 0.3278, 0.3376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8135, 0.2986, 0.3202**, and the grayscale version is **36.7952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8839, 0.3248, 0.3367**, and **16.0733, 0.3328, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **32.4075, 0.3465, 0.3474**, and if you desaturate by 10%, it is **41.0241, 0.3117, 0.3284**.

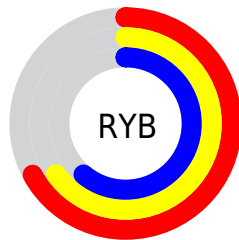
Distribution



Red (67%)

Green (63%)

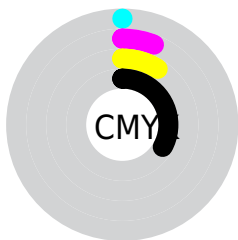
Blue (61%)



Red (67%)

Yellow (65%)

Blue (61%)

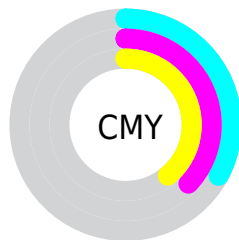


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5142, 0.3278, 0.3376 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 36.5142, 0.3278, 0.3376 by changing the saturation by 10% instead.


 36.5142, 0.3278,
0.3376


 36.5142, 0.3278,
0.3376


331.2025, 0.3199,
0.3332

 24.8316, 0.3299,
0.3388


 69.8250, 0.3249,
0.3360

 15.9516, 0.3326,
0.3403


 92.2219, 0.3238,
0.3353

 9.4899, 0.3364,
0.3423


118.9591, 0.3229,
0.3348

 5.0621, 0.3420,
0.3453

150.4210, 0.3221,
0.3344

 2.2837, 0.3510,
0.3500

186.9918, 0.3214,
0.3340

 0.7651, 0.3797,
0.3680


229.0561, 0.3209,


 0.0000, 0.0000,


0.3337


0.0000


276.9982, 0.3204,
0.3334


 36.5142, 0.3278,
0.3376


 36.5142, 0.3278,
0.3376


 32.4075, 0.3465,
0.3474

 41.0241, 0.3117,
0.3284

 28.6879, 0.3683,
0.3575

 45.9433, 0.2980,
0.3199


 25.3451, 0.3934,
0.3676

 51.2837, 0.2863,
0.3121

 22.3667, 0.4217,
0.3771

 57.0554, 0.2762,
0.3049

 19.7392, 0.4528,
0.3852

 63.2681, 0.2676,
0.2984

■ 17.4485, 0.4857,
0.3907

■ 69.7628, 0.2614,
0.2951

■ 15.4793, 0.5183,
0.3923

■ 75.7193, 0.2630,
0.3074

■ 13.8147, 0.5482,
0.3892

■ 82.0432, 0.2645,
0.3194

■ 12.4307, 0.5738,
0.3818

■ 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.



36.5142, 0.3268, 0.3314



36.5142, 0.3278, 0.3376



36.5142, 0.3247, 0.3416

Triad

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



36.5142, 0.3278, 0.3376



36.5142, 0.3036, 0.3334



36.5142, 0.3069, 0.3161

Complementary

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



36.5142, 0.3278, 0.3376



36.8135, 0.2986, 0.3202

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.



36.5142, 0.3008, 0.3165



36.5142, 0.3278, 0.3376



36.5142, 0.2989, 0.3264

Square

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



36.5142, 0.3278, 0.3376



36.5142, 0.3107, 0.3393



36.5142, 0.2979, 0.3202



36.5142, 0.3146, 0.3191

Rectangle

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



36.5142, 0.3278, 0.3376



36.5142, 0.3208, 0.3425



36.5142, 0.2979, 0.3202



36.5142, 0.3046, 0.3158

Sweetspot

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



36.5158, 0.3278, 0.3376



70.4067, 0.3174, 0.3317



34.8213, 0.3192, 0.3147



15.5568, 0.3187, 0.3325



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.



36.5158, 0.3278, 0.3376



63.9959, 0.3310, 0.3394



39.3470, 0.3266, 0.3486



8.4899, 0.3277, 0.3376



9.4050, 0.5737, 0.3827



0.3687, 0.5170, 0.4277

Inverse Universe

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



36.8135, 0.2986, 0.3202



64.6261, 0.2957, 0.3184



34.0677, 0.2985, 0.3086



8.5588, 0.2986, 0.3203



10.2110, 0.1898, 0.2032



0.3847, 0.2016, 0.2457

Previews

White Background



This preview shows how the Yxy color 36.5142, 0.3278, 0.3376 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 36.5142, 0.3278, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

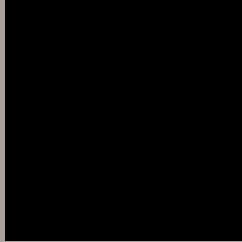
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

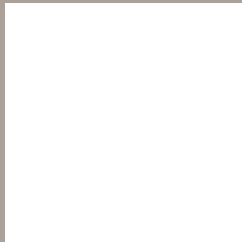
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5142, 0.3278, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 36.5142, 0.3278, 0.3376.



This preview shows how white text looks on a background with the Yxy color 36.5142, 0.3278, 0.3376.

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

36.5142, 0.3278, 0.3376

Protanopia

36.4565, 0.3229, 0.3377

Deuteranopia

36.3380, 0.3375, 0.3305



Tritanopia

36.6208, 0.3154, 0.3123

Trichromacy



Original Color

36.5142, 0.3278, 0.3376

Protanomaly

36.5658, 0.3238, 0.3376

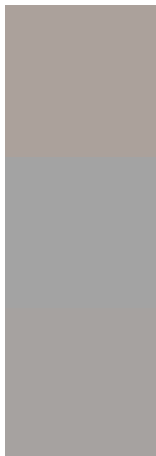
Deuteranomaly

36.2011, 0.3333, 0.3319

Tritanomaly

36.6289, 0.3198, 0.3220

Monochromacy



Original Color

36.5142, 0.3278, 0.3376

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4857, 0.3183, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5142, 0.3278, 0.3376 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, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 155)  
}
```

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, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.5142, 0.3278, 0.3376 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, 161, 155) }
```

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

```
.border{ border-color:rgb(171, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5142, 0.3278, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 155) }
```

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

```
.background{ background-color: rgb(171,  
161, 155) }
```

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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