

Converting Colors

$Yxy(36.6261, 0.3243, 0.3386)$

Have a look what the booklet for
Yxy(36.6261, 0.3243, 0.3386)
contains.

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Color

Yxy(36.5658, 0.3238, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	A8A29C
RGB	168, 162, 156
RGB Percent	66%, 64%, 61%
CMY	0.3412, 0.3647, 0.3881
CMYK	0.00, 0.04, 0.07, 0.34
HSL	30°, 6%, 64%
HSV	30°, 7%, 66%
XYZ	35.0711, 36.5658, 36.6741
YIQ	163.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

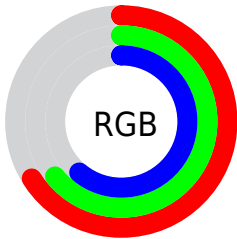
Format	Color
RYB	168, 168, 156
Decimal	11051676
CIELab	66.95, 1.08, 3.86
CIELCh	67, 4.012, 74.356
Yxy	36.5658, 0.3238, 0.3376
Android (android.graphics.Color)	4289241756 (0xFFA8A29C)
YUV	163.1100, -3.5052, 4.2885
Hunter-Lab	60.4697, -2.2957, 6.3701

Details

The Yxy color **36.5658, 0.3238, 0.3376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7476, 0.3020, 0.3202**, and the grayscale version is **36.6969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9668, 0.3218, 0.3367**, and **15.8848, 0.3273, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **33.1702, 0.3412, 0.3503**, and if you desaturate by 10%, it is **40.2418, 0.3085, 0.3256**.

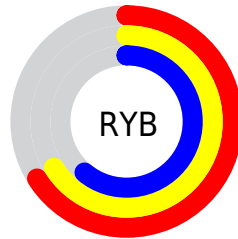
Distribution



Red (66%)

Green (64%)

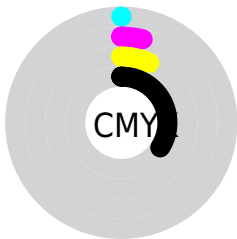
Blue (61%)



Red (66%)

Yellow (66%)

Blue (61%)

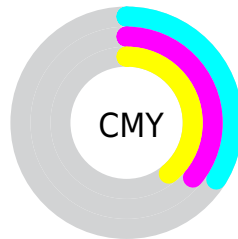


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (34%)



Cyan (34%)

Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5658, 0.3238, 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 36.5658, 0.3238, 0.3376 by changing the saturation by 10% instead.


 36.5658, 0.3238,
0.3376


 36.5658, 0.3238,
0.3376


331.4268, 0.3180,
0.3331

 24.8715, 0.3253,
0.3388


 69.9045, 0.3216,
0.3359

 15.9813, 0.3273,
0.3403


 92.3176, 0.3209,
0.3353

 9.5109, 0.3301,
0.3424


119.0725, 0.3202,
0.3348

 5.0759, 0.3342,
0.3455

150.5535, 0.3196,
0.3344

 2.2919, 0.3407,
0.3504

187.1451, 0.3191,
0.3340

 0.7694, 0.3617,
0.3673

229.2316, 0.3187,

 0.0000, 0.0000,

0.3337

0.0000

277.1973, 0.3184,
0.3334

■ 36.5658, 0.3238,
0.3376

■ 36.5658, 0.3238,
0.3376

■ 33.1702, 0.3412,
0.3503

■ 40.2418, 0.3085,
0.3256

■ 30.0431, 0.3610,
0.3635

■ 44.2003, 0.2952,
0.3145

■ 27.1787, 0.3831,
0.3767

■ 48.4492, 0.2836,
0.3042

■ 24.5694, 0.4076,
0.3895

■ 52.9949, 0.2735,
0.2948

■ 22.2067, 0.4338,
0.4009

■ 57.8435, 0.2646,
0.2862

■ 20.0818, 0.4609,
0.4099

■ 62.8824, 0.2578,
0.2802

■ 18.1853, 0.4877,
0.4152

■ 67.2139, 0.2591,
0.2901

■ 16.5064, 0.5125,
0.4156

■ 71.7682, 0.2604,
0.3000

■ 15.0315, 0.5339,
0.4111

■ 76.5484, 0.2617,
0.3096

Harmonies

Analogous

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



36.5658, 0.3246, 0.3334



36.5658, 0.3238, 0.3376



36.5658, 0.3201, 0.3396

Triad

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



36.5658, 0.3238, 0.3376



36.5658, 0.3034, 0.3299



36.5658, 0.3110, 0.3196

Complementary

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



36.5658, 0.3238, 0.3376



35.7476, 0.3020, 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.



36.5658, 0.3054, 0.3186



36.5658, 0.3238, 0.3376



36.5658, 0.3010, 0.3245

Square

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



36.5658, 0.3238, 0.3376



36.5658, 0.3083, 0.3351



36.5658, 0.3018, 0.3204



36.5658, 0.3171, 0.3231

Rectangle

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



36.5658, 0.3238, 0.3376



36.5658, 0.3164, 0.3393



36.5658, 0.3018, 0.3204



36.5658, 0.3090, 0.3190

Sweetspot

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



36.5674, 0.3238, 0.3376



69.6872, 0.3158, 0.3314



34.7275, 0.3188, 0.3202



15.2056, 0.3156, 0.3313



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.5674, 0.3238, 0.3376



65.0598, 0.3272, 0.3401



38.6573, 0.3231, 0.3458



8.1376, 0.3274, 0.3403



11.1581, 0.5385, 0.4107



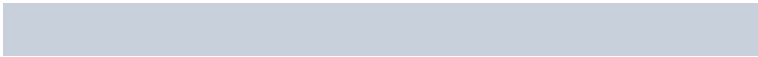
0.3739, 0.4895, 0.4495

Inverse Universe

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



35.7476, 0.3020, 0.3202



63.1721, 0.2988, 0.3176



33.7515, 0.3020, 0.3117



7.8982, 0.2987, 0.3175



7.0452, 0.1781, 0.1610



0.2738, 0.1949, 0.2216

Previews

White Background



This preview shows how the Yxy color 36.5658, 0.3238, 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 36.5658, 0.3238, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

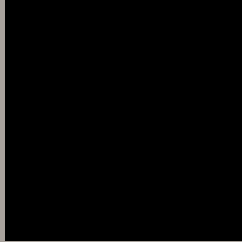
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5658, 0.3238, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 36.5658, 0.3238, 0.3376.



This preview shows how white text looks on a background with the Yxy color 36.5658, 0.3238, 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

36.5658, 0.3238, 0.3376

Protanopia

36.4565, 0.3229, 0.3377

Deuteranopia

36.3720, 0.3366, 0.3291



Tritanopia

36.6662, 0.3116, 0.3122

Trichromacy



Original Color

36.5658, 0.3238, 0.3376

Protanomaly

36.4565, 0.3229, 0.3377

Deuteranomaly

36.4607, 0.3312, 0.3319

Tritanomaly

36.6779, 0.3159, 0.3219

Monochromacy



Original Color

36.5658, 0.3238, 0.3376

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7318, 0.3172, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5658, 0.3238, 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(168, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 162, 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(168, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 162, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.5658, 0.3238, 0.3376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

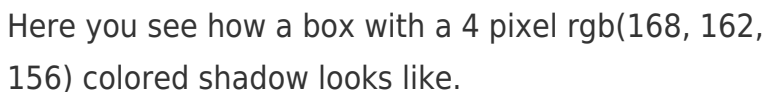
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 162, 156) }
```

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

```
.border{ border-color:rgb(168, 162, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 162,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5658, 0.3238, 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(168, 162, 156) }
```

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

```
.background{ background-color: rgb(168,  
162, 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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