

Converting Colors

$Yxy(36.6099, 0.3381, 0.3471)$

Have a look what the booklet for
Yxy(36.6099, 0.3381, 0.3471)
contains.

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Color

Yxy(36.7418, 0.3383, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	AFA194
RGB	175, 161, 148
RGB Percent	69%, 63%, 58%
CMY	0.3137, 0.3686, 0.4196
CMYK	0.00, 0.08, 0.15, 0.31
HSL	29°, 14%, 63%
HSV	29°, 15%, 69%
XYZ	35.7691, 36.7418, 33.2209
YIQ	163.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

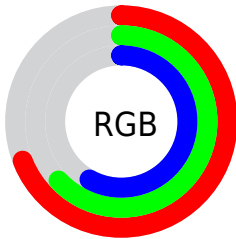
Format	Color
R_{YB}	175, 173, 148
Decimal	11510164
CIE Lab	67.08, 2.87, 8.60
CIE LCh	67, 9.071, 71.539
Yxy	36.7418, 0.3383, 0.3475
Android (android.graphics.Color)	4289700244 (0xFFAFA194)
YUV	163.7040, -7.7421, 9.9066
Hunter-Lab	60.6150, -0.7430, 9.9358

Details

The Yxy color **36.7418, 0.3383, 0.3475** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2283, 0.2890, 0.3098**, and the grayscale version is **37.0101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3649, 0.3335, 0.3442**, and **16.1525, 0.3463, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **33.1745, 0.3579, 0.3602**, and if you desaturate by 10%, it is **40.6262, 0.3211, 0.3353**.

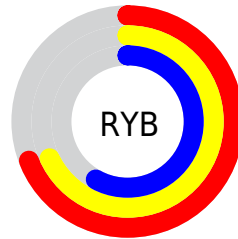
Distribution



Red (69%)

Green (63%)

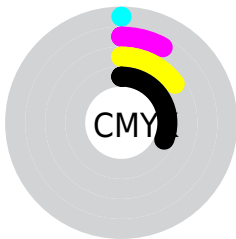
Blue (58%)



Red (69%)

Yellow (68%)

Blue (58%)

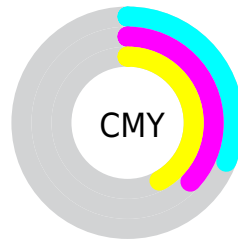


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7418, 0.3383, 0.3475 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 36.7418, 0.3383, 0.3475 by changing the saturation by 10% instead.


 36.7418, 0.3383,
0.3475


 36.7418, 0.3383,
0.3475


332.1913, 0.3250,
0.3380

 25.0076, 0.3418,
0.3500


 70.1755, 0.3333,
0.3440

 16.0827, 0.3465,
0.3532


 92.6438, 0.3315,
0.3427

 9.5827, 0.3529,
0.3576


119.4590, 0.3300,
0.3416

 5.1232, 0.3622,
0.3639

151.0054, 0.3287,
0.3406

 2.3197, 0.3771,
0.3737

187.6674, 0.3275,
0.3398

 0.7841, 0.4403,
0.4235

229.8295, 0.3266,

 0.0000, 0.0000,

0.3391

0.0000

277.8760, 0.3257,
0.3385

■ 36.7418, 0.3383,
0.3475

■ 36.7418, 0.3383,
0.3475

■ 33.1745, 0.3579,
0.3602

■ 40.6262, 0.3211,
0.3353

■ 29.9107, 0.3800,
0.3731

■ 44.8309, 0.3061,
0.3239

■ 26.9430, 0.4046,
0.3857

■ 49.3654, 0.2931,
0.3132

■ 24.2619, 0.4312,
0.3970

■ 54.2374, 0.2818,
0.3034

■ 21.8572, 0.4591,
0.4060

■ 59.4540, 0.2719,
0.2945

■ 19.7177, 0.4870,
0.4116

■ 65.0225, 0.2633,
0.2862

■ 17.8315, 0.5131,
0.4124

■ 69.9109, 0.2635,
0.2947

■ 16.1846, 0.5357,
0.4080

■ 74.9312, 0.2648,
0.3051

■ 15.5020, 0.5455,
0.4051

■ 80.2158, 0.2660,
0.3153

Harmonies

Analogous

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



36.7418, 0.3394, 0.3375



36.7418, 0.3383, 0.3475



36.7418, 0.3302, 0.3528

Triad

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



36.7418, 0.3383, 0.3475



36.7418, 0.2926, 0.3320



36.7418, 0.3074, 0.3077

Complementary

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



36.7418, 0.3383, 0.3475



35.2283, 0.2890, 0.3098

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.



36.7418, 0.2952, 0.3059



36.7418, 0.3383, 0.3475



36.7418, 0.2868, 0.3196

Square

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



36.7418, 0.3383, 0.3475



36.7418, 0.3038, 0.3439



36.7418, 0.2877, 0.3101



36.7418, 0.3213, 0.3148

Rectangle

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



36.7418, 0.3383, 0.3475



36.7418, 0.3221, 0.3527



36.7418, 0.2877, 0.3101



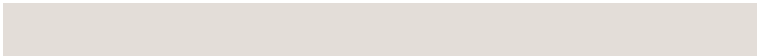
36.7418, 0.3030, 0.3064

Sweetspot

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



36.7434, 0.3383, 0.3475



73.0094, 0.3206, 0.3349



32.9151, 0.3266, 0.3087



16.1163, 0.3217, 0.3357



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.7434, 0.3383, 0.3475



63.2487, 0.3456, 0.3524



41.5633, 0.3356, 0.3653



8.6281, 0.3275, 0.3400



11.2234, 0.5437, 0.4065



0.4222, 0.4967, 0.4438

Inverse Universe

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



35.2283, 0.2890, 0.3098



59.9408, 0.2829, 0.3044



30.8523, 0.2883, 0.2899



8.4180, 0.2986, 0.3178



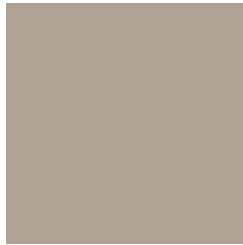
7.6616, 0.1796, 0.1665



0.3220, 0.1946, 0.2203

Previews

White Background



This preview shows how the Yxy color 36.7418, 0.3383, 0.3475 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 36.7418, 0.3383, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

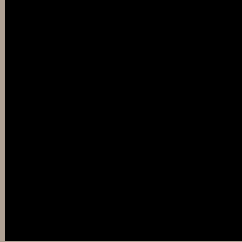
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7418, 0.3383, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 36.7418, 0.3383, 0.3475.



This preview shows how white text looks on a background with the Yxy color 36.7418, 0.3383, 0.3475.

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

36.7418, 0.3383, 0.3475

Protanopia

36.9104, 0.3320, 0.3491

Deuteranopia

36.8140, 0.3471, 0.3415



Tritanopia

36.8210, 0.3212, 0.3126

Trichromacy



Original Color

36.7418, 0.3383, 0.3475

Protanomaly

36.7812, 0.3342, 0.3476

Deuteranomaly

36.7900, 0.3438, 0.3430

Tritanomaly

36.7520, 0.3275, 0.3249

Monochromacy



Original Color

36.7418, 0.3383, 0.3475

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9878, 0.3219, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7418, 0.3383, 0.3475 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(175, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 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(175, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.7418, 0.3383, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

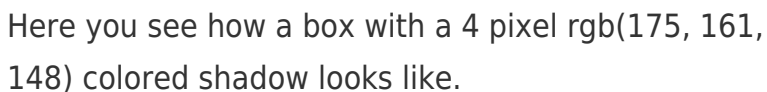
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 161, 148) }
```

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

```
.border{ border-color:rgb(175, 161, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 161, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 161, 148); box-shadow:4px 4px 4px 4px rgb(175, 161, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7418, 0.3383, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 148) }
```

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

```
.background{ background-color: rgb(175,  
161, 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](#).

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