

Converting Colors

Yxy(36.0342, 0.3399, 0.3445)

Have a look what the booklet for
Yxy(36.0342, 0.3399, 0.3445)
contains.

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Color

Yxy(36.1645, 0.3397, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	B09F94
RGB	176, 159, 148
RGB Percent	69%, 62%, 58%
CMY	0.3100, 0.3764, 0.4197
CMYK	0.00, 0.10, 0.16, 0.31
HSL	24°, 15%, 64%
HSV	24°, 16%, 69%
XYZ	35.6399, 36.1645, 33.1114
YIQ	162.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

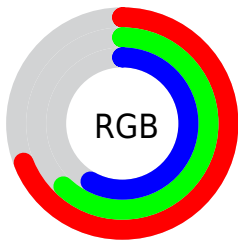
Format	Color
R_{YB}	176, 166, 148
Decimal	11575188
CIE Lab	66.65, 4.32, 8.00
CIE LCh	67, 9.092, 61.609
Yxy	36.1645, 0.3397, 0.3447
Android (android.graphics.Color)	4289765268 (0xFFB09F94)
YUV	162.8290, -7.3107, 11.5510
Hunter-Lab	60.1369, 0.5477, 9.4507

Details

The Yxy color $36.1645, 0.3397, 0.3447$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.3098, 0.2884, 0.3128$, and the grayscale version is $36.5696, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.5132, 0.3346, 0.3421$, and $15.7991, 0.3485, 0.3509$ is the 20% darker color. If you saturate the color by 10%, you get $32.1422, 0.3603, 0.3552$, and if you desaturate by 10%, it is $40.5906, 0.3220, 0.3346$.

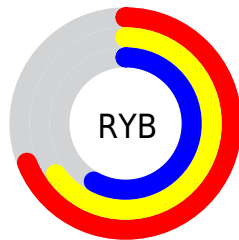
Distribution



Red (69%)

Green (62%)

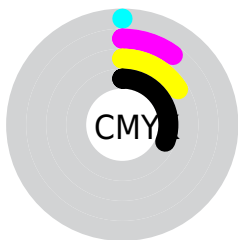
Blue (58%)



Red (69%)

Yellow (65%)

Blue (58%)

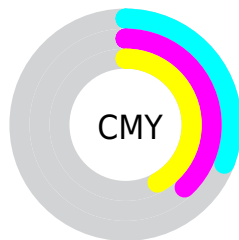


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1645, 0.3397, 0.3447 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 36.1645, 0.3397, 0.3447 by changing the saturation by 10% instead.


 36.1645, 0.3397,
0.3447

 36.1645, 0.3397,
0.3447


329.6790, 0.3256,
0.3366

 24.5613, 0.3434,
0.3468


 69.2859, 0.3344,
0.3417

 15.7505, 0.3484,
0.3495


 91.5728, 0.3325,
0.3406

 9.3478, 0.3552,
0.3532


118.1898, 0.3308,
0.3397

 4.9687, 0.3653,
0.3584

149.5212, 0.3295,
0.3389

 2.2289, 0.3815,
0.3665

185.9514, 0.3283,
0.3382

 0.7357, 0.4515,
0.4128

227.8649, 0.3273,

 0.0000, 0.0000,

0.3376

0.0000

275.6459, 0.3264,
0.3371

■ 36.1645, 0.3397,
0.3447

■ 36.1645, 0.3397,
0.3447

■ 32.1422, 0.3603,
0.3552

■ 40.5906, 0.3220,
0.3346

■ 28.5072, 0.3839,
0.3659

■ 45.4269, 0.3068,
0.3252

■ 25.2486, 0.4108,
0.3762

■ 50.6858, 0.2937,
0.3165

■ 22.3535, 0.4405,
0.3854

■ 56.3776, 0.2825,
0.3085

■ 19.8079, 0.4722,
0.3923

■ 62.5123, 0.2729,
0.3012

■ 17.5969, 0.5043,
0.3958

■ 69.0994, 0.2646,
0.2945

■ 15.7039, 0.5346,
0.3946

■ 75.0637, 0.2653,
0.3052

■ 14.1102, 0.5606,
0.3883

■ 81.3001, 0.2667,
0.3171

■ 13.5331, 0.5706,
0.3851

■ 87.9073, 0.2681,
0.3288

Harmonies

Analogous

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



36.1645, 0.3383, 0.3337



36.1645, 0.3397, 0.3447



36.1645, 0.3337, 0.3519

Triad

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



36.1645, 0.3397, 0.3447



36.1645, 0.2957, 0.3362



36.1645, 0.3029, 0.3063

Complementary

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



36.1645, 0.3397, 0.3447



36.3098, 0.2884, 0.3128

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.



36.1645, 0.2919, 0.3064



36.1645, 0.3397, 0.3447



36.1645, 0.2878, 0.3235

Square

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



36.1645, 0.3397, 0.3447



36.1645, 0.3082, 0.3472



36.1645, 0.2864, 0.3126



36.1645, 0.3168, 0.3118

Rectangle

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



36.1645, 0.3397, 0.3447



36.1645, 0.3264, 0.3533



36.1645, 0.2864, 0.3126



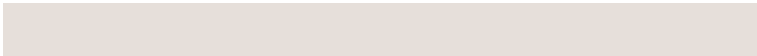
36.1645, 0.2988, 0.3056

Sweetspot

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



36.1661, 0.3397, 0.3447



74.3399, 0.3206, 0.3339



33.1251, 0.3248, 0.3048



15.9854, 0.3218, 0.3345



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.



36.1661, 0.3397, 0.3447



63.0389, 0.3464, 0.3483



41.1336, 0.3368, 0.3634



9.0370, 0.3278, 0.3380



10.0417, 0.5687, 0.3866



0.4315, 0.5175, 0.4273

Inverse Universe

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



36.3098, 0.2884, 0.3128



63.3470, 0.2831, 0.3089



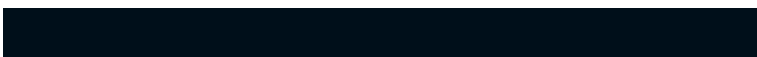
31.6401, 0.2876, 0.2921



9.0575, 0.2986, 0.3198



10.0658, 0.1879, 0.1963



0.4266, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 36.1645, 0.3397, 0.3447 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 36.1645, 0.3397, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

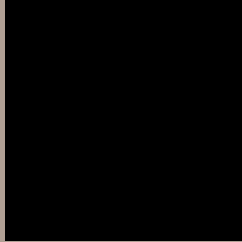
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1645, 0.3397, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 36.1645, 0.3397, 0.3447.



This preview shows how white text looks on a background with the Yxy color 36.1645, 0.3397, 0.3447.

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

36.1645, 0.3397, 0.3447

Protanopia

36.3354, 0.3302, 0.3478

Deuteranopia

35.9823, 0.3476, 0.3402



Tritanopia

36.1878, 0.3243, 0.3125

Trichromacy



Original Color

36.1645, 0.3397, 0.3447

Protanomaly

36.3176, 0.3334, 0.3463

Deuteranomaly

35.9554, 0.3442, 0.3417

Tritanomaly

36.1521, 0.3297, 0.3235

Monochromacy



Original Color

36.1645, 0.3397, 0.3447

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6341, 0.3220, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1645, 0.3397, 0.3447 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(176, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 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(176, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.1645, 0.3397, 0.3447 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(176, 159, 148) }
```

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

```
.border{ border-color:rgb(176, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1645, 0.3397, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 148) }
```

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

```
.background{ background-color: rgb(176,  
159, 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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