

Converting Colors

Yxy(36.0857, 0.3623, 0.3753)

Have a look what the booklet for
Yxy(36.0857, 0.3623, 0.3753)
contains.

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Color

Yxy(36.2576, 0.3627, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	B3A07F
RGB	179, 160, 127
RGB Percent	70%, 63%, 50%
CMY	0.2980, 0.3725, 0.5020
CMYK	0.00, 0.11, 0.29, 0.30
HSL	38°, 26%, 60%
HSV	38°, 29%, 70%
XYZ	34.9937, 36.2576, 25.2298
YIQ	161.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

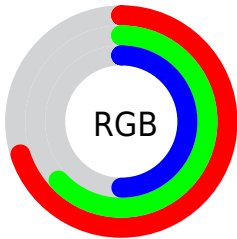
Format	Color
RYB	157, 179, 127
Decimal	11772031
CIELab	66.72, 1.83, 19.77
CIElCh	67, 19.856, 84.726
Yxy	36.2576, 0.3627, 0.3758
Android (android.graphics.Color)	4289962111 (0xFFB3A07F)
YUV	161.9190, -17.2151, 14.9800
Hunter-Lab	60.2143, -1.6392, 17.3075

Details

The Yxy color $36.2576, 0.3627, 0.3758$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $28.3260, 0.2659, 0.2772$, and the grayscale version is $36.1669, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.5583, 0.3526, 0.3672$, and $15.9230, 0.3783, 0.3899$ is the 20% darker color. If you saturate the color by 10%, you get $33.6241, 0.3830, 0.3923$, and if you desaturate by 10%, it is $39.0967, 0.3439, 0.3592$.

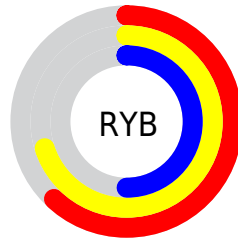
Distribution



Red (70%)

Green (63%)

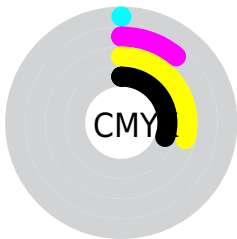
Blue (50%)



Red (62%)

Yellow (70%)

Blue (50%)

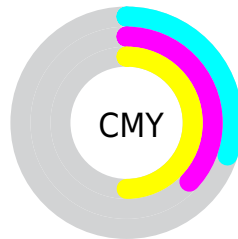


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (30%)



Cyan (30%)

Magenta (37%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2576, 0.3627, 0.3758 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 36.2576, 0.3627, 0.3758 by changing the saturation by 10% instead.


 36.2576, 0.3627,
0.3758


 36.2576, 0.3627,
0.3758


330.0851, 0.3367,
0.3517


 24.6332, 0.3695,
0.3820


 69.4295, 0.3530,
0.3669

 15.8040, 0.3783,
0.3900

 91.7458, 0.3495,
0.3636

 9.3856, 0.3902,
0.4008


 118.3948, 0.3465,
0.3608

 4.9935, 0.4070,
0.4158

149.7610, 0.3440,
0.3584

 2.2435, 0.4352,
0.4406

186.2287, 0.3418,
0.3564

 0.7435, 0.5026,
0.4974

228.1824, 0.3399,

 0.0000, 0.0000,

0.3546

0.0000

276.0063, 0.3382,
0.3531

■ 36.2576, 0.3627,
0.3758

■ 36.2576, 0.3627,
0.3758

■ 33.6241, 0.3830,
0.3923

■ 39.0967, 0.3439,
0.3592

■ 31.1851, 0.4044,
0.4080

■ 42.1423, 0.3268,
0.3430

■ 28.9356, 0.4264,
0.4220

■ 45.4016, 0.3113,
0.3276

■ 26.8683, 0.4480,
0.4330

■ 48.8799, 0.2976,
0.3131

■ 24.9752, 0.4681,
0.4401

■ 52.5823, 0.2853,
0.2997

■ 23.2473, 0.4856,
0.4423

■ 56.5135, 0.2744,
0.2873

■ 21.6695, 0.5004,
0.4400

■ 60.6782, 0.2648,
0.2759

■ 21.5271, 0.5018,
0.4398

■ 64.0628, 0.2642,
0.2808

■ 67.4074, 0.2651,
0.2884

Harmonies

Analogous

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



36.2576, 0.3728, 0.3567



36.2576, 0.3627, 0.3758



36.2576, 0.3391, 0.3829

Triad

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



36.2576, 0.3627, 0.3758



36.2576, 0.2621, 0.3222



36.2576, 0.3140, 0.2891

Complementary

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



36.2576, 0.3627, 0.3758



28.3260, 0.2659, 0.2772

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.



36.2576, 0.2849, 0.2797



36.2576, 0.3627, 0.3758



36.2576, 0.2560, 0.2971

Square

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



36.2576, 0.3627, 0.3758



36.2576, 0.2812, 0.3511



36.2576, 0.2641, 0.2822



36.2576, 0.3440, 0.3078

Rectangle

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



36.2576, 0.3627, 0.3758



36.2576, 0.3194, 0.3788



36.2576, 0.2641, 0.2822



36.2576, 0.3038, 0.2848

Sweetspot

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



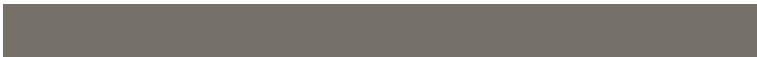
36.2593, 0.3627, 0.3758



75.4115, 0.3269, 0.3432



26.8396, 0.3527, 0.3017



16.5280, 0.3293, 0.3454



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.2593, 0.3627, 0.3758



61.8065, 0.3758, 0.3867



42.5569, 0.3493, 0.4019



9.3739, 0.3272, 0.3434



15.3369, 0.5006, 0.4407



0.5890, 0.4726, 0.4629

Inverse Universe

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



28.3260, 0.2659, 0.2772



45.2434, 0.2546, 0.2634



23.4946, 0.2692, 0.2476



8.7218, 0.2985, 0.3142



5.1203, 0.1664, 0.1190



0.2747, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 36.2576, 0.3627, 0.3758 looks on a white background.

Color Contrast Check

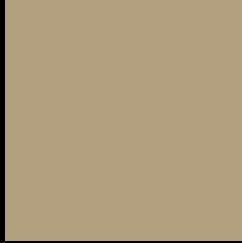
Large Text (above 18pt) WCAG AA × Fail

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 36.2576, 0.3627, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

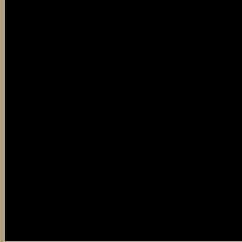
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2576, 0.3627, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 36.2576, 0.3627, 0.3758.



This preview shows how white text looks on a background with the Yxy color 36.2576, 0.3627, 0.3758.

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

36.2576, 0.3627, 0.3758

Protanopia

36.2834, 0.3548, 0.3781

Deuteranopia

36.2826, 0.3748, 0.3673



Tritanopia

36.4231, 0.3303, 0.3128

Trichromacy



Original Color

36.2576, 0.3627, 0.3758

Protanomaly

36.1622, 0.3572, 0.3764

Deuteranomaly

36.1116, 0.3702, 0.3692

Tritanomaly

36.3260, 0.3424, 0.3360

Monochromacy



Original Color

36.2576, 0.3627, 0.3758

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9845, 0.3304, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2576, 0.3627, 0.3758 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(179, 160, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 160, 127)  
}
```

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(179, 160, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 160, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.2576, 0.3627, 0.3758 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(179, 160, 127) }
```

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

```
.border{ border-color:rgb(179, 160, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 160, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 160, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 160, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 160,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2576, 0.3627, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 160, 127) }
```

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

```
.background{ background-color: rgb(179,  
160, 127) }
```

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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