

Converting Colors

$Yxy(42.0282, 0.3363, 0.3664)$

Have a look what the booklet for
Yxy(42.0282, 0.3363, 0.3664)
contains.

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Color

Yxy(42.0282, 0.3363, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF94
RGB	176, 175, 148
RGB Percent	69%, 69%, 58%
CMY	0.3099, 0.3137, 0.4195
CMYK	0.00, 0.01, 0.16, 0.31
HSL	58°, 15%, 64%
HSV	58°, 16%, 69%
XYZ	38.5756, 42.0282, 34.1020
YIQ	172.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

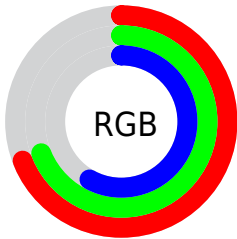
Format	Color
R_{YB}	149, 176, 148
Decimal	11579284
CIE Lab	70.89, -4.33, 13.99
CIE LCh	71, 14.645, 107.216
Yxy	42.0282, 0.3363, 0.3664
Android (android.graphics.Color)	4289769364 (0xFFB0AF94)
YUV	172.2210, -11.9410, 3.3142
Hunter-Lab	64.8292, -7.2375, 14.1921

Details

The Yxy color **42.0282, 0.3363, 0.3664** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9172, 0.2875, 0.2886**, and the grayscale version is **41.4302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0137, 0.3323, 0.3589**, and **19.2399, 0.3430, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **41.2803, 0.3516, 0.3904**, and if you desaturate by 10%, it is **42.8656, 0.3213, 0.3426**.

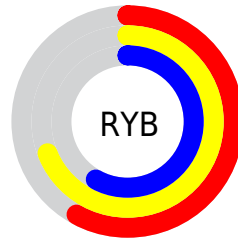
Distribution



Red (69%)

Green (69%)

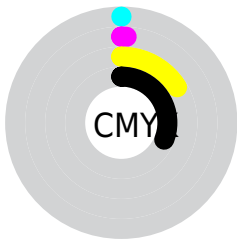
Blue (58%)



Red (58%)

Yellow (69%)

Blue (58%)

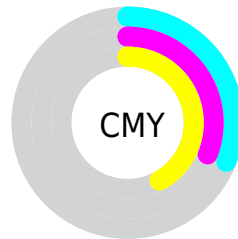


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0282, 0.3363, 0.3664 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 42.0282, 0.3363, 0.3664 by changing the saturation by 10% instead.


 42.0282, 0.3363,
0.3664

 42.0282, 0.3363,
0.3664


354.5998, 0.3244,
0.3472

 29.1234, 0.3393,
0.3713


 78.2423, 0.3320,
0.3593

 19.1742, 0.3431,
0.3778


 102.3204, 0.3303,
0.3567

 11.7962, 0.3482,
0.3865

130.8916, 0.3290,
0.3545

 6.6051, 0.3553,
0.3990

164.3405, 0.3278,
0.3526

 3.2164, 0.3658,
0.4181

203.0514, 0.3268,
0.3510

 1.2457, 0.4006,
0.4725

247.4086, 0.3259,

 0.0986, 0.0000,

0.3496

1.0000

297.7966, 0.3251,
0.3483

0.0000, 0.0000,
0.0000

42.0282, 0.3363,
0.3664

42.0282, 0.3363,
0.3664

41.2803, 0.3516,
0.3904

42.8656, 0.3213,
0.3426

40.6125, 0.3667,
0.4140

43.7905, 0.3069,
0.3197

40.0225, 0.3810,
0.4363

44.8081, 0.2933,
0.2980

39.5059, 0.3941,
0.4562

45.9216, 0.2807,
0.2777

39.0578, 0.4053,
0.4730

47.1340, 0.2691,
0.2590

■ 38.6726, 0.4141,
0.4859

■ 48.4483, 0.2585,
0.2419

■ 38.3439, 0.4204,
0.4946

■ 48.7797, 0.2578,
0.2413

■ 38.0635, 0.4242,
0.4991

■ 49.0223, 0.2579,
0.2420

■ 37.9546, 0.4254,
0.5004

■ 49.2659, 0.2579,
0.2427

Harmonies

Analogous

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



42.0282, 0.3507, 0.3595



42.0282, 0.3363, 0.3664



42.0282, 0.3159, 0.3627

Triad

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



42.0282, 0.3363, 0.3664



42.0282, 0.2725, 0.3108



42.0282, 0.3298, 0.3101

Complementary

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



42.0282, 0.3363, 0.3664



30.9172, 0.2875, 0.2886

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.



42.0282, 0.3084, 0.2981



42.0282, 0.3363, 0.3664



42.0282, 0.2759, 0.2979

Square

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



42.0282, 0.3363, 0.3664



42.0282, 0.2795, 0.3296



42.0282, 0.2888, 0.2935



42.0282, 0.3470, 0.3270

Rectangle

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



42.0282, 0.3363, 0.3664



42.0282, 0.3018, 0.3545



42.0282, 0.2888, 0.2935



42.0282, 0.3228, 0.3054

Sweetspot

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



42.0301, 0.3363, 0.3664



77.9015, 0.3201, 0.3408



32.5945, 0.3407, 0.3271



16.8587, 0.3211, 0.3424



89.0005, 0.3127, 0.3290



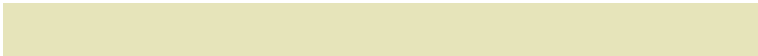
17.0645, 0.3127, 0.3290

Same Dimension

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



42.0301, 0.3363, 0.3664



75.7715, 0.3416, 0.3747



41.0054, 0.3245, 0.3691



9.8557, 0.3264, 0.3508



27.8767, 0.4253, 0.5005



0.8925, 0.4235, 0.5019

Inverse Universe

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



30.9172, 0.2875, 0.2886



51.8168, 0.2814, 0.2788



31.8532, 0.2994, 0.2886



8.2753, 0.2985, 0.3063



2.4137, 0.1508, 0.0627



0.0913, 0.1538, 0.0738

Previews

White Background



This preview shows how the Yxy color 42.0282, 0.3363, 0.3664 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 42.0282, 0.3363, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

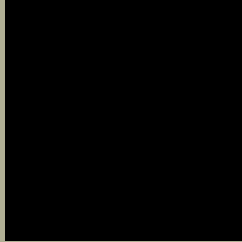
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

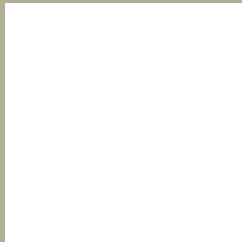
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0282, 0.3363, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 42.0282, 0.3363, 0.3664.



This preview shows how white text looks on a background with the Yxy color 42.0282, 0.3363, 0.3664.

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

42.0282, 0.3363, 0.3664

Protanopia

42.0610, 0.3443, 0.3644

Deuteranopia

41.9816, 0.3586, 0.3511



Tritanopia

41.9921, 0.3117, 0.3118

Trichromacy



Original Color

42.0282, 0.3363, 0.3664

Protanomaly

42.0820, 0.3412, 0.3660

Deuteranomaly

41.9957, 0.3509, 0.3570

Tritanomaly

41.9910, 0.3207, 0.3317

Monochromacy



Original Color

42.0282, 0.3363, 0.3664

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4157, 0.3211, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0282, 0.3363, 0.3664 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, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 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, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 148) }
```

Border

The CSS property to change the border of an element to Yxy 42.0282, 0.3363, 0.3664 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, 175, 148) }
```

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

```
.border{ border-color:rgb(176, 175, 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, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0282, 0.3363, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 148) }
```

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

```
.background{ background-color: rgb(176,  
175, 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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