

Converting Colors

$Yxy(35.1550, 0.3669, 0.3454)$

Have a look what the booklet for
Yxy(35.1550, 0.3669, 0.3454)
contains.

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Color

Yxy(35.0737, 0.3666, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	BF978B
RGB	191, 151, 139
RGB Percent	75%, 59%, 55%
CMY	0.2509, 0.4079, 0.4550
CMYK	0.00, 0.21, 0.27, 0.25
HSL	14°, 29%, 65%
HSV	14°, 27%, 75%
XYZ	37.2157, 35.0737, 29.2264
YIQ	161.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

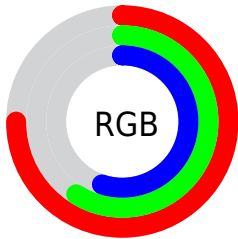
Format	Color
RYB	191, 155, 139
Decimal	12556171
CIELab	65.81, 13.18, 12.03
CIELCh	66, 17.845, 42.395
Yxy	35.0737, 0.3666, 0.3455
Android (android.graphics.Color)	4290746251 (0xFFBF978B)
YUV	161.5920, -11.1379, 25.7908
Hunter-Lab	59.2231, 8.5288, 12.1967

Details

The Yxy color $35.0737, 0.3666, 0.3455$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $41.4921, 0.2718, 0.3118$, and the grayscale version is $35.9749, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.4249, 0.3562, 0.3428$, and $15.1540, 0.3849, 0.3497$ is the 20% darker color. If you saturate the color by 10%, you get $30.1272, 0.3939, 0.3519$, and if you desaturate by 10%, it is $40.7103, 0.3437, 0.3392$.

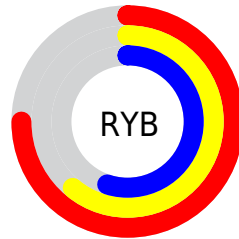
Distribution



Red (75%)

Green (59%)

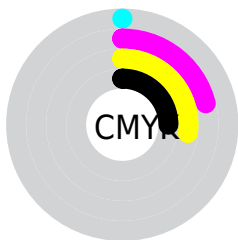
Blue (55%)



Red (75%)

Yellow (61%)

Blue (55%)

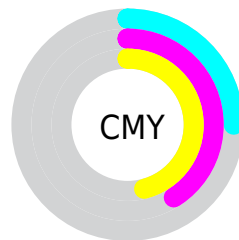


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0737, 0.3666, 0.3455 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 35.0737, 0.3666, 0.3455 by changing the saturation by 10% instead.


 35.0737, 0.3666,
0.3455


 35.0737, 0.3666,
0.3455


324.8935, 0.3381,
0.3374

 23.7197, 0.3742,
0.3474


 67.5999, 0.3559,
0.3426

 15.1258, 0.3843,
0.3498


 89.5409, 0.3520,
0.3415

 8.9077, 0.3983,
0.3528


 115.7796, 0.3487,
0.3406

 4.6810, 0.4189,
0.3566

146.7005, 0.3460,
0.3398

 2.0614, 0.4520,
0.3611

182.6879, 0.3436,
0.3391

 0.6428, 0.5929,
0.4071


224.1263, 0.3415,

 0.0000, 0.0000,

0.3385


0.0000

271.4001, 0.3397,
0.3379

 35.0737, 0.3666,
0.3455


 35.0737, 0.3666,
0.3455


 30.1272, 0.3939,
0.3519


 40.7103, 0.3437,
0.3392


 25.8393, 0.4258,
0.3579


 47.0572, 0.3245,
0.3331


 22.1831, 0.4620,
0.3628

 54.1401, 0.3086,
0.3275

 19.1282, 0.5014,
0.3657

 61.9817, 0.2953,
0.3223

 16.6411, 0.5411,
0.3656

 70.6037, 0.2843,
0.3176

■ 14.6853, 0.5771,
0.3617

■ 80.0270, 0.2749,
0.3133

■ 13.2178, 0.6052,
0.3542

■ 89.0790, 0.2756,
0.3277

■ 12.8890, 0.6120,
0.3522

■ 89.8193, 0.2757,
0.3289

Harmonies

Analogous

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



35.0737, 0.3542, 0.3225



35.0737, 0.3666, 0.3455



35.0737, 0.3637, 0.3656

Triad

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



35.0737, 0.3666, 0.3455



35.0737, 0.2939, 0.3587



35.0737, 0.2784, 0.2836

Complementary

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



35.0737, 0.3666, 0.3455



41.4921, 0.2718, 0.3118

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.



35.0737, 0.2638, 0.2907



35.0737, 0.3666, 0.3455



35.0737, 0.2725, 0.3337

Square

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



35.0737, 0.3666, 0.3455



35.0737, 0.3210, 0.3749



35.0737, 0.2617, 0.3087



35.0737, 0.3025, 0.2878

Rectangle

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



35.0737, 0.3666, 0.3455



35.0737, 0.3537, 0.3745



35.0737, 0.2617, 0.3087



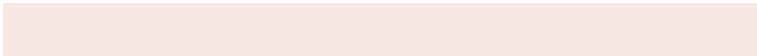
35.0737, 0.2723, 0.2847

Sweetspot

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



35.0753, 0.3666, 0.3455



83.2022, 0.3261, 0.3336



32.8238, 0.3269, 0.2756



17.8755, 0.3288, 0.3345



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.0753, 0.3666, 0.3455



57.1006, 0.3832, 0.3495



44.1024, 0.3580, 0.3784



9.8843, 0.3283, 0.3344



8.5720, 0.6098, 0.3540



0.4385, 0.5624, 0.3916

Inverse Universe

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



41.4921, 0.2718, 0.3118



70.5772, 0.2629, 0.3073



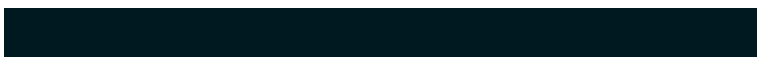
32.2705, 0.2681, 0.2742



10.4258, 0.2985, 0.3236



16.2910, 0.2038, 0.2536



0.7310, 0.2094, 0.2737

Previews

White Background



This preview shows how the Yxy color 35.0737, 0.3666, 0.3455 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 35.0737, 0.3666, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

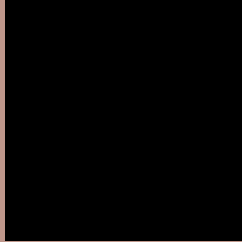
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0737, 0.3666, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 35.0737, 0.3666, 0.3455.



This preview shows how white text looks on a background with the Yxy color 35.0737, 0.3666, 0.3455.

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

35.0737, 0.3666, 0.3455

Protanopia

35.3403, 0.3352, 0.3539

Deuteranopia

35.0135, 0.3581, 0.3515



Tritanopia

35.0205, 0.3487, 0.3144

Trichromacy



Original Color

35.0737, 0.3666, 0.3455

Protanomaly

35.2970, 0.3460, 0.3505

Deuteranomaly

35.0565, 0.3616, 0.3499

Tritanomaly

34.9684, 0.3547, 0.3251

Monochromacy



Original Color

35.0737, 0.3666, 0.3455

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6711, 0.3312, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0737, 0.3666, 0.3455 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(191, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 139)  
}
```

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(191, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 139) }
```

Border

The CSS property to change the border of an element to Yxy 35.0737, 0.3666, 0.3455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

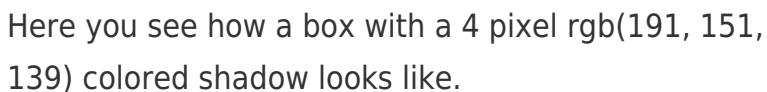
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 151, 139) }
```

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

```
.border{ border-color:rgb(191, 151, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 151, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 151, 139); box-shadow:4px 4px 4px 4px rgb(191, 151, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0737, 0.3666, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 139) }
```

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

```
.background{ background-color: rgb(191,  
151, 139) }
```

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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