

Converting Colors

$Yxy(33.3381, 0.3736, 0.3543)$

Have a look what the booklet for
Yxy(33.3381, 0.3736, 0.3543)
contains.

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Color

Yxy(33.3563, 0.3728, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	BB9482
RGB	187, 148, 130
RGB Percent	73%, 58%, 51%
CMY	0.2668, 0.4195, 0.4902
CMYK	0.00, 0.21, 0.30, 0.27
HSL	19°, 30%, 62%
HSV	19°, 30%, 73%
XYZ	35.1079, 33.3563, 25.7094
YIQ	157.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

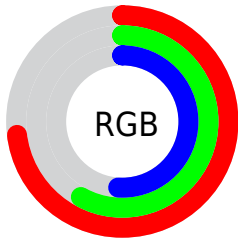
Format	Color
RYB	187, 156, 130
Decimal	12293250
CIELab	64.45, 11.99, 15.09
CIElCh	64, 19.272, 51.527
Yxy	33.3563, 0.3728, 0.3542
Android (android.graphics.Color)	4290483330 (0xFFBB9482)
YUV	157.6090, -13.6112, 25.7759
Hunter-Lab	57.7549, 7.4351, 14.0357

Details

The Yxy color **33.3563, 0.3728, 0.3542** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6958, 0.2665, 0.3022**, and the grayscale version is **34.0588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8931, 0.3607, 0.3495**, and **14.1300, 0.3931, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **29.1077, 0.3997, 0.3628**, and if you desaturate by 10%, it is **38.1424, 0.3497, 0.3456**.

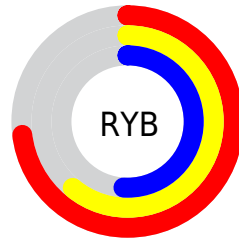
Distribution



Red (73%)

Green (58%)

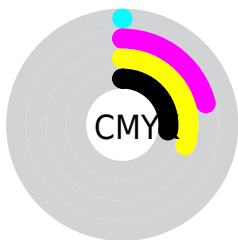
Blue (51%)



Red (73%)

Yellow (61%)

Blue (51%)

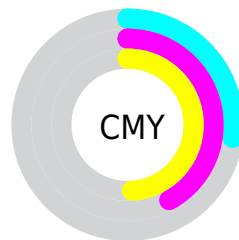


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3563, 0.3728, 0.3542 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 33.3563, 0.3728, 0.3542 by changing the saturation by 10% instead.


 33.3563, 0.3728,
0.3542


 33.3563, 0.3728,
0.3542


317.2522, 0.3408,
0.3416


 22.3995, 0.3814,
0.3573


 64.9314, 0.3607,
0.3497

 14.1508, 0.3929,
0.3612


 86.3185, 0.3563,
0.3479

 8.2256, 0.4088,
0.3661


 111.9512, 0.3527,
0.3465

 4.2396, 0.4323,
0.3725

142.2139, 0.3496,
0.3452

 1.8085, 0.4724,
0.3824

177.4909, 0.3469,
0.3441

 0.4925, 0.6070,
0.3930


218.1667, 0.3446,


 0.0000, 0.0000,


0.3432


0.0000


264.6257, 0.3426,
0.3424

 33.3563, 0.3728,
0.3542


 33.3563, 0.3728,
0.3542


 29.1077, 0.3997,
0.3628


 38.1424, 0.3497,
0.3456


 25.3727, 0.4304,
0.3707

 43.4796, 0.3300,
0.3372


 22.1323, 0.4645,
0.3771


 49.3868, 0.3134,
0.3294

 19.3644, 0.5004,
0.3808


 55.8806, 0.2994,
0.3221

 17.0453, 0.5358,
0.3807


 62.9768, 0.2875,
0.3154


 15.1486, 0.5674,
0.3759

 70.6908, 0.2774,
0.3093

 13.7001, 0.5923,
0.3679

 78.6521, 0.2718,
0.3099

 86.3442, 0.2731,
0.3239

 89.3013, 0.2736,
0.3289

Harmonies

Analogous

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



33.3563, 0.3641, 0.3294



33.3563, 0.3728, 0.3542



33.3563, 0.3644, 0.3741

Triad

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



33.3563, 0.3728, 0.3542



33.3563, 0.2839, 0.3539



33.3563, 0.2822, 0.2795

Complementary

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



33.3563, 0.3728, 0.3542



36.6958, 0.2665, 0.3022

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.



33.3563, 0.2627, 0.2833



33.3563, 0.3728, 0.3542



33.3563, 0.2636, 0.3253

Square

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



33.3563, 0.3728, 0.3542



33.3563, 0.3125, 0.3757



33.3563, 0.2561, 0.2994



33.3563, 0.3107, 0.2877

Rectangle

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



33.3563, 0.3728, 0.3542



33.3563, 0.3507, 0.3815



33.3563, 0.2561, 0.2994



33.3563, 0.2745, 0.2794

Sweetspot

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



33.3579, 0.3728, 0.3542



79.2368, 0.3277, 0.3361



29.4264, 0.3341, 0.2752



17.1228, 0.3303, 0.3373



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.3579, 0.3728, 0.3542



54.2372, 0.3916, 0.3604



43.0591, 0.3621, 0.3902



10.0154, 0.3281, 0.3363



9.5587, 0.5901, 0.3696



0.4951, 0.5420, 0.4078

Inverse Universe

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



36.6958, 0.2665, 0.3022



61.2111, 0.2561, 0.2949



27.5012, 0.2616, 0.2592



10.2869, 0.2985, 0.3216



13.2227, 0.1955, 0.2237



0.6305, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 33.3563, 0.3728, 0.3542 looks on a white background.

Color Contrast Check

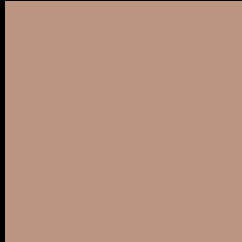
Large Text (above 18pt) WCAG AA × Fail

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 33.3563, 0.3728, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

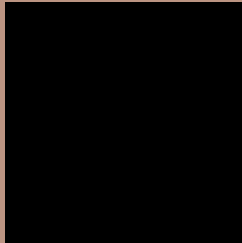
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3563, 0.3728, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 33.3563, 0.3728, 0.3542.



This preview shows how white text looks on a background with the Yxy color 33.3563, 0.3728, 0.3542.

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

33.3563, 0.3728, 0.3542

Protanopia

33.3907, 0.3415, 0.3620

Deuteranopia

33.2482, 0.3656, 0.3576



Tritanopia

33.2602, 0.3507, 0.3142

Trichromacy



Original Color

33.3563, 0.3728, 0.3542

Protanomaly

33.2466, 0.3518, 0.3584

Deuteranomaly

33.1739, 0.3681, 0.3560

Tritanomaly

33.1449, 0.3590, 0.3278

Monochromacy



Original Color

33.3563, 0.3728, 0.3542

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6843, 0.3336, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3563, 0.3728, 0.3542 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(187, 148, 130)` looks like.

```
.text, #text, p{  
    color:rgb(187, 148, 130)  
}
```

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(187, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 148, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.3563, 0.3728, 0.3542 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(187, 148, 130) }
```

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

```
.border{ border-color:rgb(187, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 148, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 148, 130);  
box-shadow:4px 4px 4px 4px rgb(187, 148,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3563, 0.3728, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 148, 130) }
```

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

```
.background{ background-color: rgb(187,  
148, 130) }
```

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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