

Converting Colors

$Yxy(36.4468, 0.3591, 0.3530)$

Have a look what the booklet for
Yxy(36.4468, 0.3591, 0.3530)
contains.

Yxy(36.4465, 0.3583, 0.3525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.4465, 0.3583, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	BA9D8C
RGB	186, 157, 140
RGB Percent	73%, 62%, 55%
CMY	0.2705, 0.3843, 0.4509
CMYK	0.00, 0.16, 0.25, 0.27
HSL	22°, 25%, 64%
HSV	22°, 25%, 73%
XYZ	37.0462, 36.4465, 29.9016
YIQ	163.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

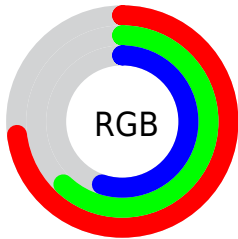
Format	Color
R _{YB}	186, 167, 140
Decimal	12230028
CIE Lab	66.86, 8.08, 12.86
CIE LCh	67, 15.190, 57.861
Yxy	36.4465, 0.3583, 0.3525
Android (android.graphics.Color)	4290420108 (0xFFBA9D8C)
YUV	163.7330, -11.7004, 19.5282
Hunter-Lab	60.3709, 3.8861, 12.8934

Details

The Yxy color **36.4465, 0.3583, 0.3525** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5203, 0.2747, 0.3042**, and the grayscale version is **37.0419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0367, 0.3492, 0.3482**, and **15.9518, 0.3724, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **32.1614, 0.3821, 0.3626**, and if you desaturate by 10%, it is **41.2094, 0.3377, 0.3426**.

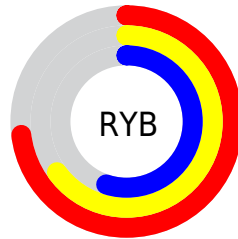
Distribution



Red (73%)

Green (62%)

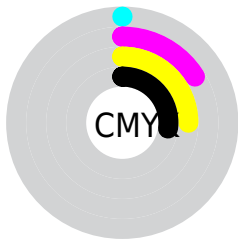
Blue (55%)



Red (73%)

Yellow (65%)

Blue (55%)

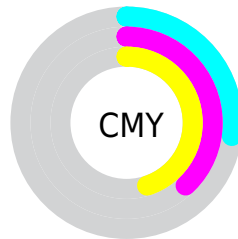


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4465, 0.3583, 0.3525 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 36.4465, 0.3583, 0.3525 by changing the saturation by 10% instead.


 36.4465, 0.3583,
0.3525

 36.4465, 0.3583,
0.3525


330.9079, 0.3344,
0.3406


 24.7792, 0.3646,
0.3555


 69.7207, 0.3494,
0.3482

 15.9127, 0.3729,
0.3593


 92.0964, 0.3461,
0.3466

 9.4624, 0.3844,
0.3643


 118.8103, 0.3433,
0.3452

 5.0440, 0.4011,
0.3712

150.2469, 0.3410,
0.3440

 2.2731, 0.4276,
0.3809

186.7906, 0.3390,
0.3430

 0.7594, 0.5482,
0.4518

228.8257, 0.3373,

 0.0000, 0.0000,

0.3421

0.0000

276.7367, 0.3358,
0.3413

■ 36.4465, 0.3583,
0.3525

■ 36.4465, 0.3583,
0.3525

■ 32.1614, 0.3821,
0.3626

■ 41.2094, 0.3377,
0.3426

■ 28.3339, 0.4094,
0.3723

■ 46.4598, 0.3201,
0.3332

■ 24.9492, 0.4398,
0.3810

■ 52.2134, 0.3051,
0.3245

■ 21.9901, 0.4726,
0.3877

■ 58.4833, 0.2923,
0.3164

■ 19.4379, 0.5061,
0.3910

■ 65.2826, 0.2813,
0.3089

■ 17.2723, 0.5380,
0.3897

■ 72.6236, 0.2719,
0.3022

■ 15.4706, 0.5654,
0.3834

■ 79.4974, 0.2714,
0.3117

■ 14.6526, 0.5784,
0.3790

■ 86.6032, 0.2727,
0.3245

■ 89.1824, 0.2731,
0.3289

Harmonies

Analogous

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



36.4465, 0.3544, 0.3338



36.4465, 0.3583, 0.3525



36.4465, 0.3495, 0.3660

Triad

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



36.4465, 0.3583, 0.3525



36.4465, 0.2867, 0.3436



36.4465, 0.2936, 0.2912

Complementary

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



36.4465, 0.3583, 0.3525



37.5203, 0.2747, 0.3042

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.



36.4465, 0.2766, 0.2924



36.4465, 0.3583, 0.3525



36.4465, 0.2727, 0.3219

Square

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



36.4465, 0.3583, 0.3525



36.4465, 0.3078, 0.3616



36.4465, 0.2691, 0.3033



36.4465, 0.3163, 0.2993

Rectangle

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



36.4465, 0.3583, 0.3525



36.4465, 0.3379, 0.3698



36.4465, 0.2691, 0.3033



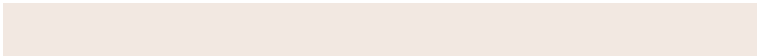
36.4465, 0.2871, 0.2905

Sweetspot

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



36.4482, 0.3583, 0.3525



81.8329, 0.3241, 0.3354



32.0757, 0.3324, 0.2896



17.8919, 0.3251, 0.3360



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.



36.4482, 0.3583, 0.3525



61.4614, 0.3716, 0.3583



44.9355, 0.3513, 0.3823



9.5403, 0.3279, 0.3375



9.9873, 0.5760, 0.3808



0.4722, 0.5269, 0.4199

Inverse Universe

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



37.5203, 0.2747, 0.3042



63.7500, 0.2659, 0.2976



29.7298, 0.2718, 0.2694



9.6385, 0.2985, 0.3204



11.1519, 0.1903, 0.2052



0.5071, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 36.4465, 0.3583, 0.3525 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 36.4465, 0.3583, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

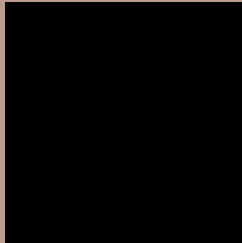
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4465, 0.3583, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 36.4465, 0.3583, 0.3525.



This preview shows how white text looks on a background with the Yxy color 36.4465, 0.3583, 0.3525.

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

36.4465, 0.3583, 0.3525

Protanopia

36.3699, 0.3377, 0.3565

Deuteranopia

36.5722, 0.3593, 0.3525



Tritanopia

36.3179, 0.3376, 0.3130

Trichromacy



Original Color

36.4465, 0.3583, 0.3525

Protanomaly

36.3247, 0.3452, 0.3547

Deuteranomaly

36.5722, 0.3593, 0.3525

Tritanomaly

36.2029, 0.3453, 0.3264

Monochromacy



Original Color

36.4465, 0.3583, 0.3525

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6270, 0.3288, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4465, 0.3583, 0.3525 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(186, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 140)  
}
```

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(186, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 140) }
```

Border

The CSS property to change the border of an element to Yxy 36.4465, 0.3583, 0.3525 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(186, 157, 140) }
```

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

```
.border{ border-color:rgb(186, 157, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 157, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 140);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4465, 0.3583, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 140) }
```

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

```
.background{ background-color: rgb(186,  
157, 140) }
```

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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