

Converting Colors

$Yxy(48.6649, 0.3559, 0.3656)$

Have a look what the booklet for
Yxy(48.6649, 0.3559, 0.3656)
contains.

Yxy(48.5932, 0.3563, 0.3654)	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(48.5932, 0.3563, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	CCB699
RGB	204, 182, 153
RGB Percent	80%, 71%, 60%
CMY	0.1999, 0.2863, 0.4001
CMYK	0.00, 0.11, 0.25, 0.20
HSL	34°, 33%, 70%
HSV	34°, 25%, 80%
XYZ	47.3830, 48.5932, 37.0101
YIQ	185.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

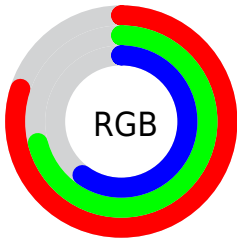
Format	Color
RYB	192, 204, 153
Decimal	13416089
CIELab	75.20, 3.37, 17.66
CIELCh	75, 17.977, 79.208
Yxy	48.5932, 0.3563, 0.3654
Android (android.graphics.Color)	4291606169 (0xFFCCB699)
YUV	185.2720, -15.9101, 16.4245
Hunter-Lab	69.7088, -0.6590, 17.3177

Details

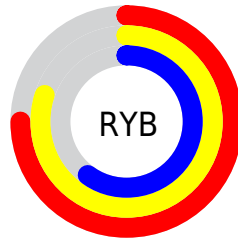
The Yxy color **48.5932, 0.3563, 0.3654** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7936, 0.2728, 0.2896**, and the grayscale version is **48.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9141, 0.3441, 0.3600**, and **23.0494, 0.3681, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **44.4846, 0.3773, 0.3806**, and if you desaturate by 10%, it is **53.0482, 0.3374, 0.3504**.

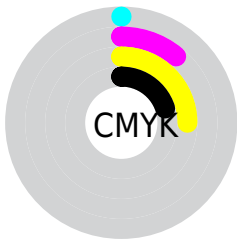
Distribution



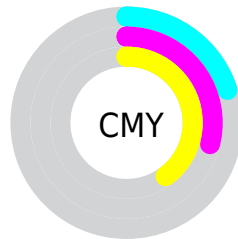
- Red (80%)
- Green (71%)
- Blue (60%)



- Red (75%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5932, 0.3563, 0.3654 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 48.5932, 0.3563, 0.3654 by changing the saturation by 10% instead.


 48.5932, 0.3563,
0.3654


 48.5932, 0.3563,
0.3654


381.1386, 0.3346,
0.3476

 34.2969, 0.3616,
0.3697

 88.0870, 0.3485,
0.3590

 23.1218, 0.3685,
0.3752


 114.0532, 0.3455,
0.3566

 14.6834, 0.3774,
0.3823


144.6782, 0.3430,
0.3545

 8.5975, 0.3897,
0.3919

180.3464, 0.3409,
0.3527

 4.4796, 0.4075,
0.4053

221.4421, 0.3390,
0.3512

 1.9453, 0.4392,
0.4291

268.3498, 0.3374,

 0.5754, 0.5223,

0.3498

0.4777

321.4539, 0.3359,
0.3486

0.0000, 0.0000,
0.0000

48.5932, 0.3563,
0.3654

48.5932, 0.3563,
0.3654

44.4846, 0.3773,
0.3806

53.0482, 0.3374,
0.3504

40.7057, 0.4000,
0.3954

57.8525, 0.3205,
0.3359

37.2483, 0.4241,
0.4088


63.0173, 0.3055,
0.3223


34.1007, 0.4488,
0.4197


68.5512, 0.2923,
0.3097


31.2508, 0.4727,
0.4270


74.4624, 0.2807,
0.2980


 28.6845, 0.4946,
0.4296

 79.3750, 0.2814,
0.3075

 26.3858, 0.5132,
0.4268

 84.5365, 0.2820,
0.3170

 25.3285, 0.5216,
0.4241

 89.9510, 0.2825,
0.3262

 91.5808, 0.2827,
0.3289

Harmonies

Analogous

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



48.5932, 0.3620, 0.3487



48.5932, 0.3563, 0.3654



48.5932, 0.3387, 0.3730

Triad

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



48.5932, 0.3563, 0.3654



48.5932, 0.2731, 0.3280



48.5932, 0.3092, 0.2938

Complementary

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



48.5932, 0.3563, 0.3654



41.7936, 0.2728, 0.2896

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.



48.5932, 0.2861, 0.2878



48.5932, 0.3563, 0.3654



48.5932, 0.2658, 0.3063

Square

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



48.5932, 0.3563, 0.3654



48.5932, 0.2907, 0.3511



48.5932, 0.2705, 0.2920



48.5932, 0.3342, 0.3082

Rectangle

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



48.5932, 0.3563, 0.3654



48.5932, 0.3230, 0.3711



48.5932, 0.2705, 0.2920



48.5932, 0.3010, 0.2907

Sweetspot

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



48.5954, 0.3563, 0.3654



93.2667, 0.3255, 0.3403



38.7160, 0.3427, 0.3012



19.7012, 0.3280, 0.3425



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



48.5954, 0.3563, 0.3654



76.7317, 0.3673, 0.3736



57.8615, 0.3473, 0.3915



12.2544, 0.3276, 0.3422



16.1261, 0.5197, 0.4255



0.9810, 0.4950, 0.4452

Inverse Universe

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



41.7936, 0.2728, 0.2896



63.5866, 0.2638, 0.2798



34.2432, 0.2729, 0.2591



11.6269, 0.2983, 0.3155



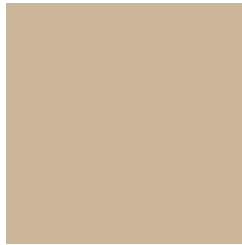
7.3171, 0.1714, 0.1372



0.5273, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 48.5932, 0.3563, 0.3654 looks on a white background.

Color Contrast Check

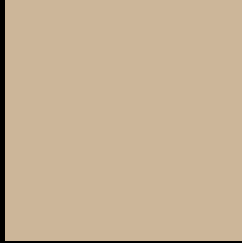
Large Text (above 18pt) WCAG AA × Fail

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 48.5932, 0.3563, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

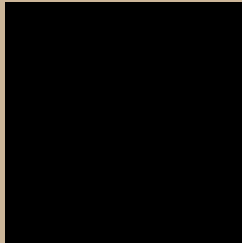
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5932, 0.3563, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 48.5932, 0.3563, 0.3654.



This preview shows how white text looks on a background with the Yxy color 48.5932, 0.3563, 0.3654.

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

48.5932, 0.3563, 0.3654

Protanopia

48.7668, 0.3474, 0.3687

Deuteranopia

48.4700, 0.3658, 0.3583



Tritanopia

48.7612, 0.3293, 0.3122

Trichromacy



Original Color

48.5932, 0.3563, 0.3654

Protanomaly

48.7562, 0.3503, 0.3671

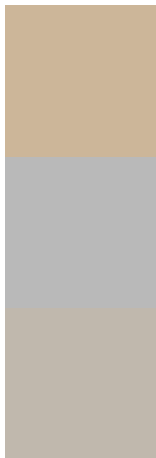
Deuteranomaly

48.2749, 0.3618, 0.3599

Tritanomaly

48.6799, 0.3391, 0.3315

Monochromacy



Original Color

48.5932, 0.3563, 0.3654

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5046, 0.3284, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5932, 0.3563, 0.3654 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(204, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 153)  
}
```

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(204, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 153) }
```

Border

The CSS property to change the border of an element to Yxy 48.5932, 0.3563, 0.3654 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(204, 182, 153) }
```

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

```
.border{ border-color:rgb(204, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5932, 0.3563, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 153) }
```

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

```
.background{ background-color: rgb(204,  
182, 153) }
```

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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