

Converting Colors

$Yxy(37.7424, 0.3715, 0.3552)$

Have a look what the booklet for
Yxy(37.7424, 0.3715, 0.3552)
contains.

Yxy(37.6558, 0.3716, 0.3557)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6558, 0.3716, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	C49D89
RGB	196, 157, 137
RGB Percent	77%, 62%, 54%
CMY	0.2314, 0.3843, 0.4627
CMYK	0.00, 0.20, 0.30, 0.23
HSL	20°, 33%, 65%
HSV	20°, 30%, 77%
XYZ	39.3390, 37.6558, 28.8691
YIQ	166.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

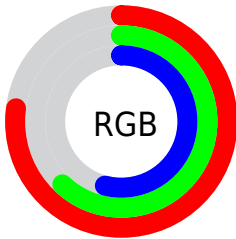
Format	Color
R _Y B	196, 167, 137
Decimal	12885385
CIE Lab	67.77, 11.56, 15.94
CIE LCh	68, 19.688, 54.052
Yxy	37.6558, 0.3716, 0.3557
Android (android.graphics.Color)	4291075465 (0xFFC49D89)
YUV	166.3810, -14.4848, 25.9759
Hunter-Lab	61.3643, 7.0440, 15.0618

Details

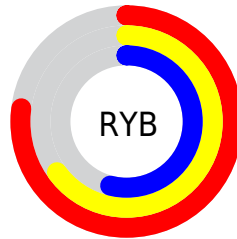
The Yxy color **37.6558, 0.3716, 0.3557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3653, 0.2667, 0.3005**, and the grayscale version is **38.3895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6873, 0.3600, 0.3519**, and **16.6589, 0.3899, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **32.9896, 0.3980, 0.3649**, and if you desaturate by 10%, it is **42.8930, 0.3488, 0.3464**.

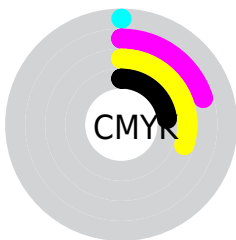
Distribution



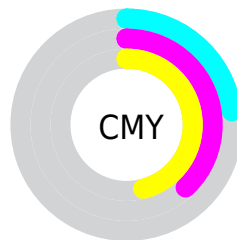
- Red (77%)
- Green (62%)
- Blue (54%)



- Red (77%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6558, 0.3716, 0.3557 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 37.6558, 0.3716, 0.3557 by changing the saturation by 10% instead.


 37.6558, 0.3716,
0.3557


 37.6558, 0.3716,
0.3557


336.1411, 0.3409,
0.3425

 25.7157, 0.3797,
0.3589


 71.5803, 0.3601,
0.3510

 16.6110, 0.3902,
0.3628


 94.3334, 0.3559,
0.3492

 9.9576, 0.4047,
0.3679


 121.4596, 0.3524,
0.3477

 5.3708, 0.4254,
0.3745

153.3433, 0.3494,
0.3464

 2.4664, 0.4576,
0.3828

190.3689, 0.3468,
0.3452

 0.8598, 0.5671,
0.4329

232.9208, 0.3446,

 0.0000, 1.0000,

0.3442

0.0000

281.3834, 0.3426,
0.3433

0.0000, 0.0000,
0.0000

37.6558, 0.3716,
0.3557

37.6558, 0.3716,
0.3557

32.9896, 0.3980,
0.3649

42.8930, 0.3488,
0.3464

28.8690, 0.4281,
0.3735

48.7148, 0.3294,
0.3375

25.2747, 0.4613,
0.3805


55.1409, 0.3129,
0.3291


22.1838, 0.4963,
0.3848

62.1886, 0.2989,
0.3213

19.5717, 0.5308,
0.3851

69.8744, 0.2870,
0.3141

 17.4112, 0.5617,
0.3806

 78.2141, 0.2768,
0.3076

 15.6794, 0.5870,
0.3721

 85.9223, 0.2778,
0.3212

 90.4763, 0.2784,
0.3289

Harmonies

Analogous

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



37.6558, 0.3645, 0.3315



37.6558, 0.3716, 0.3557



37.6558, 0.3621, 0.3745

Triad

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



37.6558, 0.3716, 0.3557



37.6558, 0.2824, 0.3512



37.6558, 0.2849, 0.2806

Complementary

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



37.6558, 0.3716, 0.3557



40.3653, 0.2667, 0.3005

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.



37.6558, 0.2648, 0.2834



37.6558, 0.3716, 0.3557



37.6558, 0.2634, 0.3230

Square

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



37.6558, 0.3716, 0.3557



37.6558, 0.3100, 0.3734



37.6558, 0.2571, 0.2983



37.6558, 0.3133, 0.2895

Rectangle

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



37.6558, 0.3716, 0.3557



37.6558, 0.3479, 0.3810



37.6558, 0.2571, 0.2983



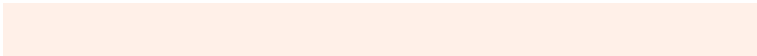
37.6558, 0.2770, 0.2802

Sweetspot

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



37.6575, 0.3716, 0.3557



89.3060, 0.3277, 0.3367



32.7816, 0.3359, 0.2781



18.7637, 0.3303, 0.3380



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.



37.6575, 0.3716, 0.3557



62.6280, 0.3883, 0.3617



48.7338, 0.3610, 0.3920



10.6232, 0.3281, 0.3369



10.2185, 0.5845, 0.3741



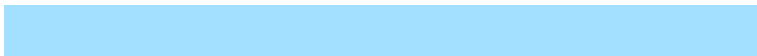
0.5705, 0.5407, 0.4089

Inverse Universe

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



40.3653, 0.2667, 0.3005



68.2861, 0.2570, 0.2934



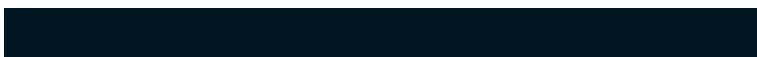
30.1270, 0.2618, 0.2570



10.8351, 0.2984, 0.3210



12.9160, 0.1932, 0.2155



0.6814, 0.2011, 0.2438

Previews

White Background



This preview shows how the Yxy color 37.6558, 0.3716, 0.3557 looks on a white background.

Color Contrast Check

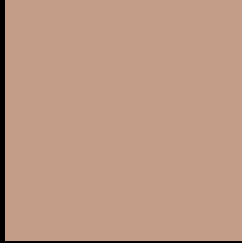
Large Text (above 18pt) WCAG AA × Fail

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 37.6558, 0.3716, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

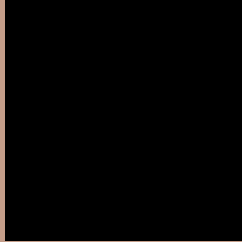
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6558, 0.3716, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 37.6558, 0.3716, 0.3557.



This preview shows how white text looks on a background with the Yxy color 37.6558, 0.3716, 0.3557.

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

37.6558, 0.3716, 0.3557

Protanopia

37.8320, 0.3429, 0.3632

Deuteranopia

37.6788, 0.3657, 0.3589



Tritanopia

37.6412, 0.3477, 0.3136

Trichromacy



Original Color

37.6558, 0.3716, 0.3557

Protanomaly

37.6792, 0.3527, 0.3597

Deuteranomaly

37.5973, 0.3681, 0.3573

Tritanomaly

37.4835, 0.3565, 0.3278

Monochromacy



Original Color

37.6558, 0.3716, 0.3557

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9081, 0.3334, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6558, 0.3716, 0.3557 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(196, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 137)  
}
```

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(196, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.6558, 0.3716, 0.3557 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(196, 157, 137) }
```

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

```
.border{ border-color:rgb(196, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6558, 0.3716, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 137) }
```

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

```
.background{ background-color: rgb(196,  
157, 137) }
```

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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