

Converting Colors

$Yxy(37.7513, 0.3600, 0.3473)$

Have a look what the booklet for
Yxy(37.7513, 0.3600, 0.3473)
contains.

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Color

Yxy(37.7045, 0.3592, 0.3466)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C09E91 |
| RGB | 192, 158, 145 |
| RGB Percent | 75%, 62%, 57% |
| CMY | 0.2471, 0.3804, 0.4314 |
| CMYK | 0.00, 0.18, 0.24, 0.25 |
| HSL | 17°, 27%, 66% |
| HSV | 17°, 24%, 75% |
| XYZ | 39.0752, 37.7045, 32.0042 |
| YIQ | 166.6840, 24.4370, 3.1650 |

Conversions

Conversions Part 2

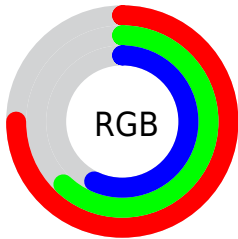
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 192, 163, 145 |
| Decimal | 12623505 |
| CIE Lab | 67.80, 10.57, 11.51 |
| CIE LCh | 68, 15.625, 47.442 |
| Yxy | 37.7045, 0.3592, 0.3466 |
| Android (android.graphics.Color) | 4290813585 (0xFFC09E91) |
| YUV | 166.6840, -10.6902, 22.2021 |
| Hunter-Lab | 61.4040, 6.1337, 12.0804 |

Details

The Yxy color **37.7045, 0.3592, 0.3466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0606, 0.2756, 0.3107**, and the grayscale version is **38.5265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8518, 0.3500, 0.3437**, and **16.7449, 0.3735, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **32.6904, 0.3845, 0.3542**, and if you desaturate by 10%, it is **43.3574, 0.3378, 0.3391**.

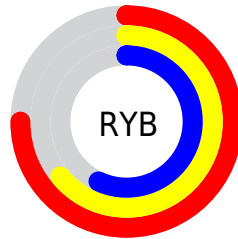
Distribution



Red (75%)

Green (62%)

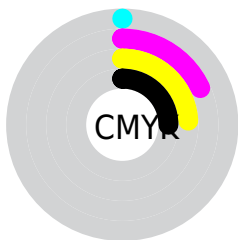
Blue (57%)



Red (75%)

Yellow (64%)

Blue (57%)

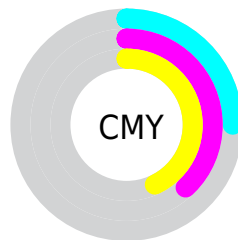


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7045, 0.3592, 0.3466 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 37.7045, 0.3592, 0.3466 by changing the saturation by 10% instead.


 37.7045, 0.3592,
0.3466


 37.7045, 0.3592,
0.3466

336.3507, 0.3350,
0.3379

 25.7534, 0.3656,
0.3487


 71.6550, 0.3501,
0.3435

 16.6393, 0.3740,
0.3514


 94.4232, 0.3468,
0.3423

 9.9776, 0.3855,
0.3548


121.5659, 0.3440,
0.3413

 5.3841, 0.4023,
0.3594

153.4675, 0.3417,
0.3404

 2.4744, 0.4287,
0.3656

190.5124, 0.3396,
0.3397

 0.8638, 0.5243,
0.4110

233.0849, 0.3379,

 0.0000, 1.0000,

0.3390

0.0000

281.5695, 0.3363,
0.3384

0.0000, 0.0000,
0.0000

37.7045, 0.3592,
0.3466

37.7045, 0.3592,
0.3466

32.6904, 0.3845,
0.3542

43.3574, 0.3378,
0.3391

28.2872, 0.4140,
0.3616

49.6655, 0.3198,
0.3320

24.4724, 0.4476,
0.3681

56.6510, 0.3047,
0.3254

21.2203, 0.4844,
0.3726

64.3337, 0.2920,
0.3194

18.5028, 0.5224,
0.3742

72.7322, 0.2813,
0.3138

■ 16.2896, 0.5583,
0.3717

■ 81.5255, 0.2750,
0.3142

■ 14.5465, 0.5882,
0.3648

■ 89.9462, 0.2762,
0.3289

■ 13.7656, 0.6021,
0.3601

Harmonies

Analogous

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



37.7045, 0.3507, 0.3269



37.7045, 0.3592, 0.3466



37.7045, 0.3546, 0.3628

Triad

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



37.7045, 0.3592, 0.3466



37.7045, 0.2931, 0.3510



37.7045, 0.2864, 0.2899

Complementary

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



37.7045, 0.3592, 0.3466



42.0606, 0.2756, 0.3107

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.



37.7045, 0.2721, 0.2945



37.7045, 0.3592, 0.3466



37.7045, 0.2759, 0.3294

Square

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



37.7045, 0.3592, 0.3466



37.7045, 0.3160, 0.3664



37.7045, 0.2684, 0.3087



37.7045, 0.3080, 0.2950

Rectangle

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



37.7045, 0.3592, 0.3466



37.7045, 0.3449, 0.3691



37.7045, 0.2684, 0.3087



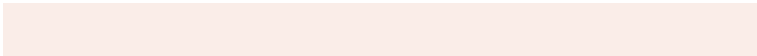
37.7045, 0.2806, 0.2903

Sweetspot

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



37.7062, 0.3592, 0.3466



86.8675, 0.3242, 0.3338



34.7293, 0.3275, 0.2841



18.4842, 0.3253, 0.3343



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.



37.7062, 0.3592, 0.3466



63.6518, 0.3713, 0.3504



46.3108, 0.3523, 0.3761



10.5216, 0.3282, 0.3354



9.3771, 0.5999, 0.3619



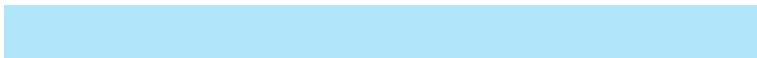
0.5250, 0.5545, 0.3979

Inverse Universe

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



42.0606, 0.2756, 0.3107



72.7983, 0.2682, 0.3064



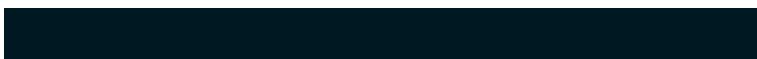
33.5897, 0.2727, 0.2770



10.9418, 0.2984, 0.3225



15.0939, 0.1993, 0.2375



0.7629, 0.2056, 0.2603

Previews

White Background



This preview shows how the Yxy color 37.7045, 0.3592, 0.3466 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 37.7045, 0.3592, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

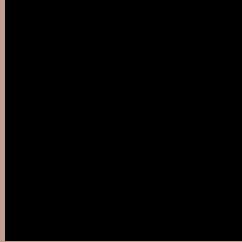
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7045, 0.3592, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 37.7045, 0.3592, 0.3466.



This preview shows how white text looks on a background with the Yxy color 37.7045, 0.3592, 0.3466.

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

37.7045, 0.3592, 0.3466

Protanopia

37.8508, 0.3336, 0.3518

Deuteranopia

37.6594, 0.3558, 0.3481



Tritanopia

37.8348, 0.3413, 0.3134

Trichromacy



Original Color

37.7045, 0.3592, 0.3466

Protanomaly

37.5625, 0.3421, 0.3486

Deuteranomaly

37.7878, 0.3569, 0.3480

Tritanomaly

37.7495, 0.3479, 0.3251

Monochromacy



Original Color

37.7045, 0.3592, 0.3466

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2842, 0.3286, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7045, 0.3592, 0.3466 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(192, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 145)  
}
```

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(192, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.7045, 0.3592, 0.3466 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(192, 158, 145) }
```

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

```
.border{ border-color:rgb(192, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7045, 0.3592, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 145) }
```

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

```
.background{ background-color: rgb(192,  
158, 145) }
```

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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