

Converting Colors

$Yxy(37.8199, 0.3622, 0.3505)$

Have a look what the booklet for
Yxy(37.8199, 0.3622, 0.3505)
contains.

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Color

Yxy(37.7442, 0.3632, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	C19E8E
RGB	193, 158, 142
RGB Percent	76%, 62%, 56%
CMY	0.2431, 0.3804, 0.4432
CMYK	0.00, 0.18, 0.26, 0.24
HSL	19°, 29%, 66%
HSV	19°, 26%, 76%
XYZ	39.1007, 37.7442, 30.8112
YIQ	166.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

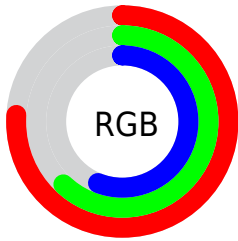
Format	Color
R_{YB}	193, 165, 142
Decimal	12689038
CIE Lab	67.83, 10.52, 13.23
CIE LCh	68, 16.906, 51.512
Yxy	37.7442, 0.3632, 0.3506
Android (android.graphics.Color)	4290879118 (0xFFC19E8E)
YUV	166.6410, -12.1480, 23.1168
Hunter-Lab	61.4363, 6.0914, 13.2707

Details

The Yxy color **37.7442, 0.3632, 0.3506** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0371, 0.2724, 0.3063**, and the grayscale version is **38.5111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8980, 0.3530, 0.3468**, and **16.7771, 0.3792, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **32.9392, 0.3887, 0.3592**, and if you desaturate by 10%, it is **43.1397, 0.3415, 0.3421**.

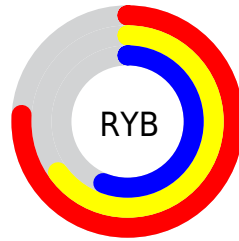
Distribution



Red (76%)

Green (62%)

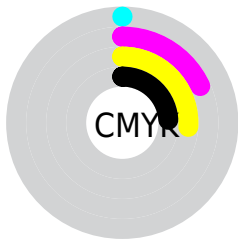
Blue (56%)



Red (76%)

Yellow (65%)

Blue (56%)

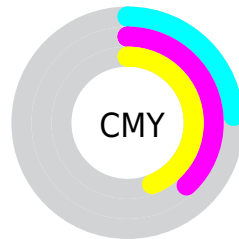


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7442, 0.3632, 0.3506 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 37.7442, 0.3632, 0.3506 by changing the saturation by 10% instead.

 37.7442, 0.3632,
0.3506


 37.7442, 0.3632,
0.3506


336.5214, 0.3369,
0.3399

 25.7842, 0.3701,
0.3532


 71.7159, 0.3534,
0.3468

 16.6623, 0.3792,
0.3565


 94.4964, 0.3498,
0.3453

 9.9940, 0.3917,
0.3607


 121.6525, 0.3467,
0.3441

 5.3950, 0.4097,
0.3664

153.5687, 0.3442,
0.3430

 2.4808, 0.4380,
0.3739

190.6292, 0.3420,
0.3421

 0.8670, 0.5549,
0.4357

233.2186, 0.3400,

 0.0000, 1.0000,

0.3413

0.0000

281.7212, 0.3384,
0.3405

0.0000, 0.0000,
0.0000

37.7442, 0.3632,
0.3506

37.7442, 0.3632,
0.3506

32.9392, 0.3887,
0.3592

43.1397, 0.3415,
0.3421

28.6990, 0.4180,
0.3675

49.1399, 0.3230,
0.3340

25.0035, 0.4510,
0.3745

55.7651, 0.3075,
0.3264

21.8294, 0.4866,
0.3794

63.0330, 0.2943,
0.3194

19.1517, 0.5228,
0.3809

70.9606, 0.2832,
0.3130

■ 16.9427, 0.5564,
0.3779

■ 79.3834, 0.2752,
0.3100

■ 15.1709, 0.5842,
0.3703

■ 87.3545, 0.2764,
0.3243

■ 14.6324, 0.5932,
0.3672

■ 90.0773, 0.2768,
0.3289

Harmonies

Analogous

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



37.7442, 0.3559, 0.3295



37.7442, 0.3632, 0.3506



37.7442, 0.3563, 0.3672

Triad

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



37.7442, 0.3632, 0.3506



37.7442, 0.2885, 0.3499



37.7442, 0.2870, 0.2870

Complementary

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



37.7442, 0.3632, 0.3506



41.0371, 0.2724, 0.3063

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.



37.7442, 0.2704, 0.2904



37.7442, 0.3632, 0.3506



37.7442, 0.2712, 0.3261

Square

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



37.7442, 0.3632, 0.3506



37.7442, 0.3127, 0.3680



37.7442, 0.2647, 0.3043



37.7442, 0.3111, 0.2938

Rectangle

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



37.7442, 0.3632, 0.3506



37.7442, 0.3448, 0.3732



37.7442, 0.2647, 0.3043



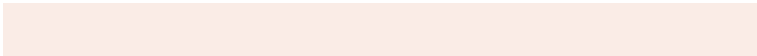
37.7442, 0.2804, 0.2869

Sweetspot

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



37.7459, 0.3632, 0.3506



86.1113, 0.3259, 0.3353



33.8824, 0.3307, 0.2824



18.1144, 0.3286, 0.3365



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.



37.7459, 0.3632, 0.3506



62.2543, 0.3782, 0.3559



47.0732, 0.3552, 0.3821



10.5825, 0.3281, 0.3363



9.8602, 0.5909, 0.3690



0.5518, 0.5462, 0.4045

Inverse Universe

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



41.0371, 0.2724, 0.3063



69.1712, 0.2634, 0.3003



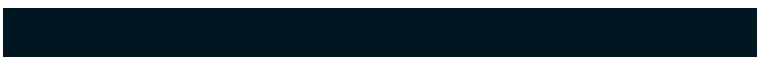
32.1187, 0.2690, 0.2696



10.8776, 0.2984, 0.3216



13.7571, 0.1956, 0.2243



0.7132, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 37.7442, 0.3632, 0.3506 looks on a white background.

Color Contrast Check

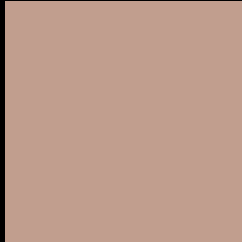
Large Text (above 18pt) WCAG AA × Fail

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 37.7442, 0.3632, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

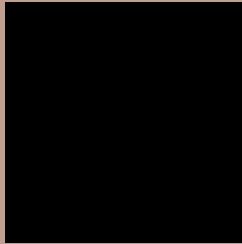
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7442, 0.3632, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 37.7442, 0.3632, 0.3506.



This preview shows how white text looks on a background with the Yxy color 37.7442, 0.3632, 0.3506.

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

37.7442, 0.3632, 0.3506

Protanopia

37.8698, 0.3373, 0.3561

Deuteranopia

37.6964, 0.3598, 0.3521



Tritanopia

37.6001, 0.3435, 0.3134

Trichromacy



Original Color

37.7442, 0.3632, 0.3506

Protanomaly

37.5883, 0.3459, 0.3528

Deuteranomaly

37.8256, 0.3608, 0.3521

Tritanomaly

37.4791, 0.3512, 0.3265

Monochromacy



Original Color

37.7442, 0.3632, 0.3506

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2496, 0.3295, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7442, 0.3632, 0.3506 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(193, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(193, 158, 142)  
}
```

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(193, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 158, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.7442, 0.3632, 0.3506 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(193, 158, 142) }
```

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

```
.border{ border-color:rgb(193, 158, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(193, 158,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7442, 0.3632, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 158, 142) }
```

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

```
.background{ background-color: rgb(193,  
158, 142) }
```

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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