

Converting Colors

Yxy(50.6196, 0.3798, 0.3414)

Have a look what the booklet for
Yxy(50.6196, 0.3798, 0.3414)
contains.

Yxy(50.7493, 0.3792, 0.3416)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7493, 0.3792, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	ECAEA3
RGB	236, 174, 163
RGB Percent	93%, 68%, 64%
CMY	0.0746, 0.3176, 0.3608
CMYK	0.00, 0.26, 0.31, 0.07
HSL	9°, 66%, 78%
HSV	9°, 31%, 93%
XYZ	56.3353, 50.7493, 41.4789
YIQ	191.2840, 40.4830, 9.7230

Conversions

Conversions Part 2

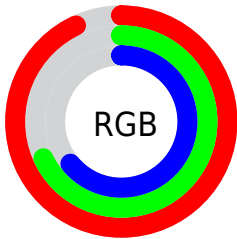
Format	Color
R _Y B	236, 176, 163
Decimal	15511203
CIE Lab	76.53, 21.18, 14.55
CIE LCh	77, 25.692, 34.481
Yxy	50.7493, 0.3792, 0.3416
Android (android.graphics.Color)	4293701283 (0xFFECAEA3)
YUV	191.2840, -13.9440, 39.2159
Hunter-Lab	71.2385, 16.4900, 15.3451

Details

The Yxy color **50.7493, 0.3792, 0.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.6804, 0.2668, 0.3159**, and the grayscale version is **52.3398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9156, 0.3381, 0.3411**, and **24.4061, 0.3988, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **42.8086, 0.4106, 0.3458**, and if you desaturate by 10%, it is **60.0077, 0.3531, 0.3373**.

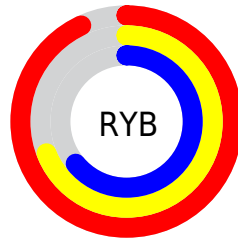
Distribution



Red (93%)

Green (68%)

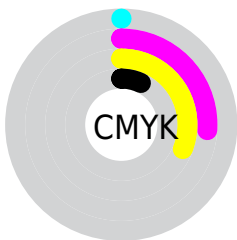
Blue (64%)



Red (93%)

Yellow (69%)

Blue (64%)

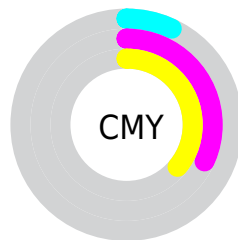


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7493, 0.3792, 0.3416 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 50.7493, 0.3792, 0.3416 by changing the saturation by 10% instead.

 50.7493, 0.3792,
0.3416

 50.7493, 0.3792,
0.3416


389.5890, 0.3461,
0.3362

 36.0091, 0.3874,
0.3427


 91.2841, 0.3672,
0.3399

 24.4412, 0.3978,
0.3438


 117.8475, 0.3627,
0.3392

 15.6613, 0.4116,
0.3451


149.1208, 0.3589,
0.3385

 9.2848, 0.4305,
0.3464

185.4883, 0.3556,
0.3380

 4.9274, 0.4581,
0.3472

227.3345, 0.3528,
0.3375

 2.2047, 0.5012,
0.3458

275.0438, 0.3503,

 0.7226, 0.6352,

0.3370

0.3648

329.0004, 0.3481,
0.3366

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7493, 0.3792,
0.3416

50.7493, 0.3792,
0.3416

42.8086, 0.4106,
0.3458

60.0077, 0.3531,
0.3373

36.1187, 0.4474,
0.3494

70.6327, 0.3317,
0.3332

30.6175, 0.4889,
0.3520

82.6791, 0.3142,
0.3293

26.2348, 0.5327,
0.3525

96.0414, 0.3011,
0.3282

■ 22.8928, 0.5741,
0.3505

■ 96.5701, 0.3011,
0.3290

■ 20.5035, 0.6074,
0.3456

■ 19.0673, 0.6276,
0.3399

Harmonies

Analogous

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



50.7493, 0.3587, 0.3131



50.7493, 0.3792, 0.3416



50.7493, 0.3805, 0.3688

Triad

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



50.7493, 0.3792, 0.3416



50.7493, 0.2972, 0.3743



50.7493, 0.2631, 0.2727

Complementary

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



50.7493, 0.3792, 0.3416



67.6804, 0.2668, 0.3159

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.



50.7493, 0.2489, 0.2849



50.7493, 0.3792, 0.3416



50.7493, 0.2677, 0.3437

Square

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



50.7493, 0.3792, 0.3416



50.7493, 0.3321, 0.3906



50.7493, 0.2505, 0.3104



50.7493, 0.2907, 0.2747

Rectangle

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



50.7493, 0.3792, 0.3416



50.7493, 0.3706, 0.3827



50.7493, 0.2505, 0.3104



50.7493, 0.2567, 0.2752

Sweetspot

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



50.7517, 0.3792, 0.3416



86.7990, 0.3281, 0.3325



49.4649, 0.3254, 0.2627



18.1500, 0.3309, 0.3330



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.



50.7517, 0.3792, 0.3416



54.4342, 0.3981, 0.3442



66.7862, 0.3671, 0.3810



15.4207, 0.3289, 0.3326



10.6278, 0.6255, 0.3415



0.9472, 0.6023, 0.3600

Inverse Universe

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



67.6804, 0.2668, 0.3159



77.5352, 0.2585, 0.3129



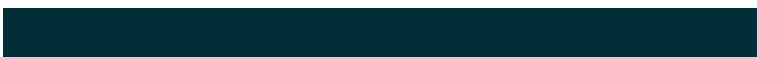
50.0435, 0.2615, 0.2707



16.7122, 0.2981, 0.3254



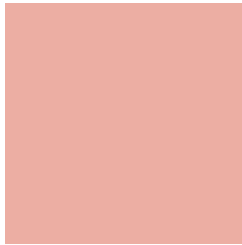
26.3649, 0.2112, 0.2805



2.1752, 0.2133, 0.2878

Previews

White Background



This preview shows how the Yxy color 50.7493, 0.3792, 0.3416 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 50.7493, 0.3792, 0.3416 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 50.7493, 0.3792, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 50.7493, 0.3792, 0.3416.



This preview shows how white text looks on a background with the Yxy color 50.7493, 0.3792, 0.3416.

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

50.7493, 0.3792, 0.3416

Protanopia

51.1678, 0.3343, 0.3529

Deuteranopia

50.8162, 0.3603, 0.3530



Tritanopia

50.7637, 0.3625, 0.3147

Trichromacy



Original Color

50.7493, 0.3792, 0.3416

Protanomaly

50.9199, 0.3501, 0.3497

Deuteranomaly

50.6961, 0.3676, 0.3491

Tritanomaly

50.6442, 0.3687, 0.3247

Monochromacy



Original Color

50.7493, 0.3792, 0.3416

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2995, 0.3347, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7493, 0.3792, 0.3416 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(236, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(236, 174, 163)  
}
```

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(236, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 174, 163) }
```

Border

The CSS property to change the border of an element to Yxy 50.7493, 0.3792, 0.3416 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(236, 174, 163) }
```

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

```
.border{ border-color:rgb(236, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(236, 174,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7493, 0.3792, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 174, 163) }
```

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

```
.background{ background-color: rgb(236,  
174, 163) }
```

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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