

Converting Colors

$Y_{xy}(57.9275, 0.3933, 0.3996)$

Have a look what the booklet for
Yxy(57.9275, 0.3933, 0.3996)
contains.

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Color

Yxy(57.8520, 0.3933, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	E8C384
RGB	232, 195, 132
RGB Percent	91%, 76%, 52%
CMY	0.0903, 0.2352, 0.4822
CMYK	0.00, 0.16, 0.43, 0.09
HSL	38°, 68%, 71%
HSV	38°, 43%, 91%
XYZ	56.9542, 57.8520, 30.0048
YIQ	198.8810, 42.2750, -11.7490

Conversions

Conversions Part 2

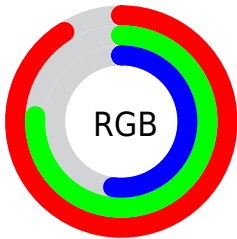
Format	Color
R_{YB}	191, 232, 132
Decimal	15254404
CIE _{Lab}	80.66, 4.91, 36.50
CIE _{LCh}	81, 36.829, 82.337
Yxy	57.8520, 0.3933, 0.3995
Android (android.graphics.Color)	4293444484 (0xFFE8C384)
YUV	198.8810, -32.9723, 29.0454
Hunter-Lab	76.0605, 0.5551, 29.8532

Details

The Yxy color **57.8520, 0.3933, 0.3995** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.1055, 0.2403, 0.2456**, and the grayscale version is **57.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7995, 0.3547, 0.3933**, and **29.0540, 0.4134, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **53.5535, 0.4156, 0.4146**, and if you desaturate by 10%, it is **62.5181, 0.3720, 0.3831**.

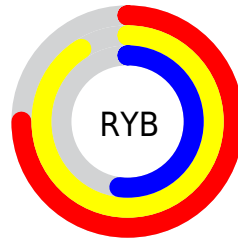
Distribution



Red (91%)

Green (76%)

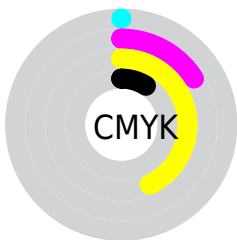
Blue (52%)



Red (75%)

Yellow (91%)

Blue (52%)

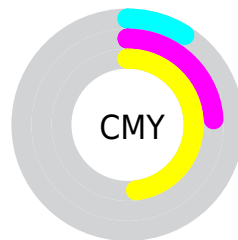


Cyan (0%)

Magenta (16%)

Yellow (43%)

Black (9%)



Cyan (9%)


Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8520, 0.3933, 0.3995 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 57.8520, 0.3933, 0.3995 by changing the saturation by 10% instead.

 57.8520, 0.3933,
0.3995


 57.8520, 0.3933,
0.3995


416.6342, 0.3550,
0.3667


 41.6897, 0.4021,
0.4068


 101.7073, 0.3799,
0.3882

 28.8584, 0.4128,
0.4156


 130.1691, 0.3747,
0.3838

 18.9737, 0.4263,
0.4262


 163.4995, 0.3703,
0.3800

 11.6513, 0.4432,
0.4393

202.0828, 0.3664,
0.3767

 6.5067, 0.4646,
0.4547

246.3036, 0.3630,
0.3737

 3.1556, 0.5103,
0.4897

296.5462, 0.3600,

 1.2135, 0.5187,

0.3711

0.4813

353.1949, 0.3574,
0.3688

■ 0.0727, 0.7222,
0.2778

■ 0.0000, 0.0000,
0.0000

■ 57.8520, 0.3933,
0.3995

■ 57.8520, 0.3933,
0.3995

■ 53.5535, 0.4156,
0.4146

■ 62.5181, 0.3720,
0.3831

■ 49.6012, 0.4380,
0.4274

■ 67.5557, 0.3520,
0.3663


■ 45.9835, 0.4595,
0.4366


■ 72.9790, 0.3338,
0.3497

■ 42.6842, 0.4789,
0.4412


■ 78.7988, 0.3174,
0.3337

 39.6845, 0.4952,
0.4405

 85.0253, 0.3028,
0.3187

 37.7670, 0.5047,
0.4374

 90.5794, 0.2987,
0.3205

 95.8915, 0.2987,
0.3290

Harmonies

Analogous

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



57.8520, 0.4085, 0.3670



57.8520, 0.3933, 0.3995



57.8520, 0.3565, 0.4156

Triad

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



57.8520, 0.3933, 0.3995



57.8520, 0.2356, 0.3202



57.8520, 0.3099, 0.2662

Complementary

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



57.8520, 0.3933, 0.3995



39.1055, 0.2403, 0.2456

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.



57.8520, 0.2656, 0.2530



57.8520, 0.3933, 0.3995



57.8520, 0.2253, 0.2801

Square

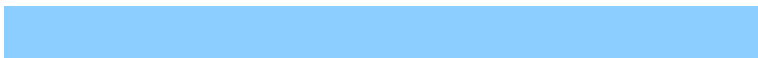
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.8520, 0.3933, 0.3995



57.8520, 0.2657, 0.3680



57.8520, 0.2358, 0.2571



57.8520, 0.3585, 0.2932

Rectangle

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



57.8520, 0.3933, 0.3995



57.8520, 0.3256, 0.4118



57.8520, 0.2358, 0.2571



57.8520, 0.2940, 0.2601

Sweetspot

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



57.8547, 0.3933, 0.3995



90.4719, 0.3338, 0.3496



36.5777, 0.3811, 0.2856



19.0365, 0.3377, 0.3533



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.



57.8547, 0.3933, 0.3995



66.7996, 0.4137, 0.4135



74.6304, 0.3680, 0.4385



15.8742, 0.3277, 0.3438



21.2206, 0.5030, 0.4388



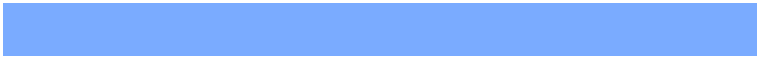
1.7444, 0.4876, 0.4511

Inverse Universe

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



39.1055, 0.2403, 0.2456



40.6782, 0.2243, 0.2238



28.2371, 0.2405, 0.1982



14.7558, 0.2981, 0.3138



7.1323, 0.1661, 0.1181



0.7001, 0.1743, 0.1473

Previews

White Background



This preview shows how the Yxy color 57.8520, 0.3933, 0.3995 looks on a white background.

Color Contrast Check

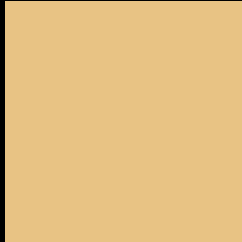
Large Text (above 18pt) WCAG AA × Fail

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 57.8520, 0.3933, 0.3995 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 57.8520, 0.3933, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 57.8520, 0.3933, 0.3995.



This preview shows how white text looks on a background with the Yxy color 57.8520, 0.3933, 0.3995.

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

57.8520, 0.3933, 0.3995

Protanopia

57.7815, 0.3766, 0.4062

Deuteranopia

57.9180, 0.4010, 0.3935



Tritanopia

57.6856, 0.3454, 0.3128

Trichromacy



Original Color

57.8520, 0.3933, 0.3995

Protanomaly

57.6112, 0.3826, 0.4040

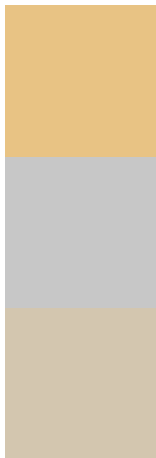
Deuteranomaly

57.8379, 0.3979, 0.3952

Tritanomaly

57.3626, 0.3632, 0.3436

Monochromacy



Original Color

57.8520, 0.3933, 0.3995

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3322, 0.3406, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8520, 0.3933, 0.3995 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(232, 195, 132)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 132)  
}
```

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(232, 195, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 132) }
```

Border

The CSS property to change the border of an element to Yxy 57.8520, 0.3933, 0.3995 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(232, 195, 132) }
```

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

```
.border{ border-color:rgb(232, 195, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 195, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 195, 132); box-shadow:4px 4px 4px 4px rgb(232, 195, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8520, 0.3933, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 132) }
```

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

```
.background{ background-color: rgb(232,  
195, 132) }
```

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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