

Converting Colors

$Y_{xy}(52.0220, 0.3951, 0.3915)$

Have a look what the booklet for
Yxy(52.0220, 0.3951, 0.3915)
contains.

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Color

Yxy(52.0614, 0.3950, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	E2B882
RGB	226, 184, 130
RGB Percent	89%, 72%, 51%
CMY	0.1138, 0.2784, 0.4903
CMYK	0.00, 0.19, 0.42, 0.11
HSL	34°, 62%, 70%
HSV	34°, 42%, 89%
XYZ	52.5268, 52.0614, 28.3911
YIQ	190.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

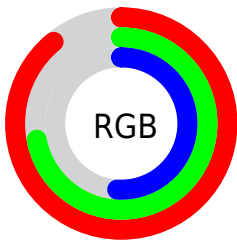
Format	Color
R_{YB}	205, 226, 130
Decimal	14858370
CIE _{Lab}	77.32, 8.08, 33.12
CIE _{LCh}	77, 34.092, 76.283
Yxy	52.0614, 0.3950, 0.3915
Android (android.graphics.Color)	4293048450 (0xFFE2B882)
YUV	190.4020, -29.7782, 31.2194
Hunter-Lab	72.1536, 3.6768, 27.1780

Details

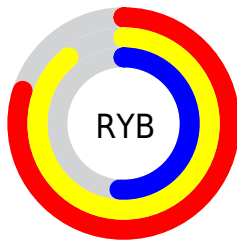
The Yxy color **52.0614, 0.3950, 0.3915** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7147, 0.2430, 0.2562**, and the grayscale version is **51.8925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9991, 0.3593, 0.3862**, and **25.2468, 0.4164, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **47.5605, 0.4192, 0.4053**, and if you desaturate by 10%, it is **56.9870, 0.3723, 0.3766**.

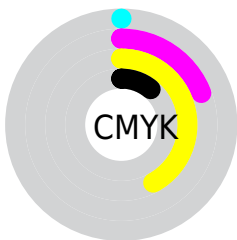
Distribution



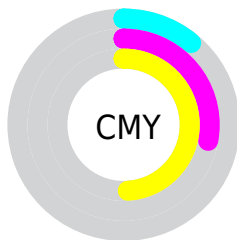
- Red (89%)
- Green (72%)
- Blue (51%)



- Red (80%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0614, 0.3950, 0.3915 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 52.0614, 0.3950, 0.3915 by changing the saturation by 10% instead.


 52.0614, 0.3950,
0.3915


 52.0614, 0.3950,
0.3915


394.6736, 0.3549,
0.3622

 37.0540, 0.4045,
0.3981


 93.2218, 0.3808,
0.3814

 25.2493, 0.4163,
0.4060


 120.1436, 0.3753,
0.3774

 16.2629, 0.4313,
0.4157


 151.8056, 0.3707,
0.3740

 9.7104, 0.4507,
0.4275

188.5923, 0.3667,
0.3710

 5.2074, 0.4761,
0.4411

230.8881, 0.3632,
0.3684

 2.3694, 0.5283,
0.4717

279.0773, 0.3601,

 0.8101, 0.5458,

0.3661

0.4542

333.5443, 0.3573,
0.3640

0.0000, 0.0000,
0.0000

52.0614, 0.3950,
0.3915

52.0614, 0.3950,
0.3915

47.5605, 0.4192,
0.4053

56.9870, 0.3723,
0.3766

43.4623, 0.4441,
0.4168

62.3436, 0.3516,
0.3615

39.7534, 0.4687,
0.4249


68.1464, 0.3330,
0.3466


36.4162, 0.4916,
0.4284

74.4078, 0.3165,
0.3324


33.4306, 0.5113,
0.4266

81.1393, 0.3019,
0.3191

 31.3968, 0.5240,
0.4221

 87.6529, 0.2950,
0.3171

 93.7336, 0.2952,
0.3271

 94.9048, 0.2952,
0.3289

Harmonies

Analogous

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



52.0614, 0.4043, 0.3586



52.0614, 0.3950, 0.3915



52.0614, 0.3632, 0.4107

Triad

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



52.0614, 0.3950, 0.3915



52.0614, 0.2431, 0.3299



52.0614, 0.3008, 0.2648

Complementary

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



52.0614, 0.3950, 0.3915



39.7147, 0.2430, 0.2562

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.



52.0614, 0.2603, 0.2553



52.0614, 0.3950, 0.3915



52.0614, 0.2290, 0.2888

Square

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



52.0614, 0.3950, 0.3915



52.0614, 0.2754, 0.3749



52.0614, 0.2351, 0.2629



52.0614, 0.3477, 0.2885

Rectangle

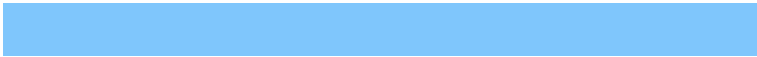
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0614, 0.3950, 0.3915



52.0614, 0.3345, 0.4106



52.0614, 0.2351, 0.2629



52.0614, 0.2860, 0.2599

Sweetspot

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



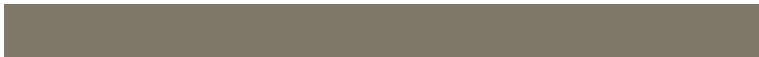
52.0639, 0.3950, 0.3915



89.1472, 0.3341, 0.3475



35.1482, 0.3722, 0.2790



18.7089, 0.3381, 0.3507



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.



52.0639, 0.3950, 0.3915



63.1996, 0.4164, 0.4038



71.3903, 0.3722, 0.4349



14.9743, 0.3278, 0.3422



18.1566, 0.5219, 0.4238



1.4358, 0.5018, 0.4398

Inverse Universe

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



39.7147, 0.2430, 0.2562



44.9472, 0.2283, 0.2376



26.5815, 0.2369, 0.1989



14.2240, 0.2981, 0.3155



8.4270, 0.1717, 0.1381



0.7600, 0.1800, 0.1680

Previews

White Background



This preview shows how the Yxy color 52.0614, 0.3950, 0.3915 looks on a white background.

Color Contrast Check

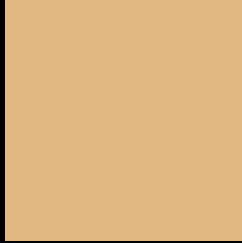
Large Text (above 18pt) WCAG AA × Fail

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 52.0614, 0.3950, 0.3915 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 52.0614, 0.3950, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 52.0614, 0.3950, 0.3915.



This preview shows how white text looks on a background with the Yxy color 52.0614, 0.3950, 0.3915.

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

52.0614, 0.3950, 0.3915

Protanopia

52.2205, 0.3723, 0.4001

Deuteranopia

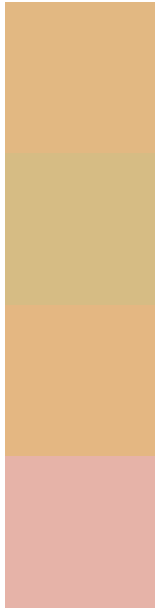
52.1367, 0.3982, 0.3897



Tritanopia

51.9242, 0.3506, 0.3134

Trichromacy



Original Color

52.0614, 0.3950, 0.3915

Protanomaly

51.9285, 0.3807, 0.3963

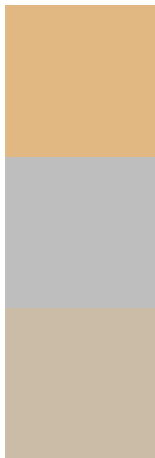
Deuteranomaly

51.9727, 0.3973, 0.3899

Tritanomaly

51.8903, 0.3677, 0.3418

Monochromacy



Original Color

52.0614, 0.3950, 0.3915

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4901, 0.3414, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0614, 0.3950, 0.3915 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(226, 184, 130)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 130)  
}
```

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(226, 184, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 130) }
```

Border

The CSS property to change the border of an element to Yxy 52.0614, 0.3950, 0.3915 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(226, 184, 130) }
```

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

```
.border{ border-color:rgb(226, 184, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 184, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 184, 130);  
box-shadow:4px 4px 4px 4px rgb(226, 184,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0614, 0.3950, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 130) }
```

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

```
.background{ background-color: rgb(226,  
184, 130) }
```

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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