

Converting Colors

Yxy(51.2666, 0.4093, 0.3935)

Have a look what the booklet for
Yxy(51.2666, 0.4093, 0.3935)
contains.

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Color

Yxy(51.3962, 0.4092, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	E9B47B
RGB	233, 180, 123
RGB Percent	91%, 71%, 48%
CMY	0.0863, 0.2941, 0.5175
CMYK	0.00, 0.23, 0.47, 0.09
HSL	31°, 71%, 70%
HSV	31°, 47%, 91%
XYZ	53.5012, 51.3962, 25.8485
YIQ	189.3490, 49.8850, -6.4910

Conversions

Conversions Part 2

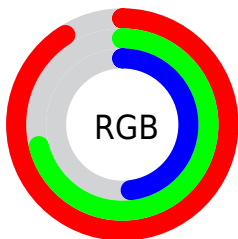
Format	Color
R _Y B	225, 233, 123
Decimal	15316091
CIE Lab	76.92, 12.33, 36.37
CIE LCh	77, 38.398, 71.275
Yxy	51.3962, 0.4092, 0.3931
Android (android.graphics.Color)	4293506171 (0xFFE9B47B)
YUV	189.3490, -32.7101, 38.2819
Hunter-Lab	71.6911, 7.7503, 28.8066

Details

The Yxy color **51.3962, 0.4092, 0.3931** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.1544, 0.2363, 0.2531**, and the grayscale version is **51.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3855, 0.3650, 0.3895**, and **24.7737, 0.4344, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **46.5314, 0.4355, 0.4050**, and if you desaturate by 10%, it is **56.7720, 0.3845, 0.3797**.

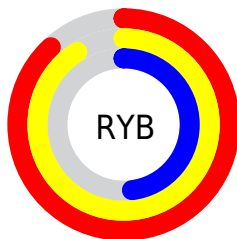
Distribution



Red (91%)

Green (71%)

Blue (48%)



Red (88%)

Yellow (91%)

Blue (48%)

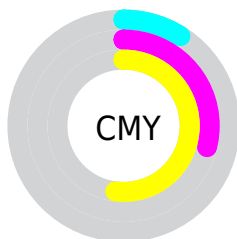


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3962, 0.4092, 0.3931 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 51.3962, 0.4092, 0.3931 by changing the saturation by 10% instead.


 51.3962, 0.4092,
0.3931


 51.3962, 0.4092,
0.3931


392.1012, 0.3621,
0.3637


 36.5240, 0.4203,
0.3994


 92.2402, 0.3925,
0.3831

 24.8392, 0.4340,
0.4069


 118.9807, 0.3861,
0.3792

 15.9573, 0.4514,
0.4156


 150.4462, 0.3807,
0.3757

 9.4939, 0.4737,
0.4255

187.0210, 0.3759,
0.3727

 5.0647, 0.5032,
0.4363

229.0895, 0.3718,
0.3700

 2.2853, 0.5496,
0.4504

277.0361, 0.3682,

 0.7659, 0.5766,

0.3677

0.4234

331.2452, 0.3650,
0.3656

0.0000, 0.0000,
0.0000

51.3962, 0.4092,
0.3931

51.3962, 0.4092,
0.3931

46.5314, 0.4355,
0.4050

56.7720, 0.3845,
0.3797

42.1516, 0.4624,
0.4141

62.6689, 0.3620,
0.3656

38.2388, 0.4886,
0.4191

69.1056, 0.3419,
0.3517

34.7706, 0.5124,
0.4191

76.0976, 0.3241,
0.3382

31.7196, 0.5323,
0.4135

83.6597, 0.3086,
0.3255

■ 30.9301, 0.5375,
0.4114

■ 91.2916, 0.2993,
0.3214

■ 96.0630, 0.2993,
0.3290

Harmonies

Analogous

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



51.3962, 0.4152, 0.3545



51.3962, 0.4092, 0.3931



51.3962, 0.3765, 0.4192

Triad

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



51.3962, 0.4092, 0.3931



51.3962, 0.2391, 0.3383



51.3962, 0.2906, 0.2543

Complementary

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



51.3962, 0.4092, 0.3931



41.1544, 0.2363, 0.2531

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.



51.3962, 0.2478, 0.2465



51.3962, 0.4092, 0.3931



51.3962, 0.2201, 0.2898

Square

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



51.3962, 0.4092, 0.3931



51.3962, 0.2779, 0.3890



51.3962, 0.2232, 0.2579



51.3962, 0.3433, 0.2783

Rectangle

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



51.3962, 0.4092, 0.3931



51.3962, 0.3451, 0.4232



51.3962, 0.2232, 0.2579



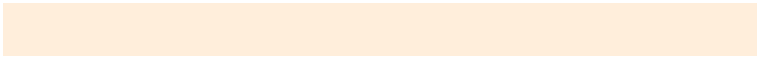
51.3962, 0.2746, 0.2498

Sweetspot

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



51.3987, 0.4092, 0.3931



87.4212, 0.3361, 0.3474



34.6379, 0.3778, 0.2696



18.3230, 0.3401, 0.3504



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.



51.3987, 0.4092, 0.3931



57.0591, 0.4357, 0.4051



76.7227, 0.3809, 0.4447



16.3451, 0.3280, 0.3412



17.8008, 0.5352, 0.4133



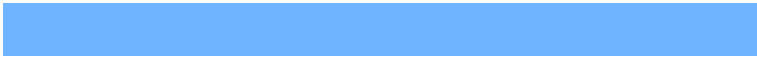
1.5904, 0.5148, 0.4294

Inverse Universe

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



41.1544, 0.2363, 0.2531



43.0303, 0.2206, 0.2332



24.4057, 0.2242, 0.1810



15.7468, 0.2981, 0.3165



10.1941, 0.1756, 0.1520



0.9923, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 51.3962, 0.4092, 0.3931 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 51.3962, 0.4092, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

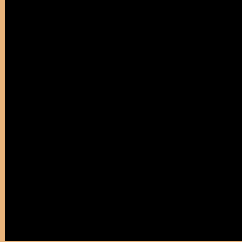
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3962, 0.4092, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 51.3962, 0.4092, 0.3931.



This preview shows how white text looks on a background with the Yxy color 51.3962, 0.4092, 0.3931.

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

51.3962, 0.4092, 0.3931

Protanopia

51.4810, 0.3765, 0.4064

Deuteranopia

51.5440, 0.4045, 0.3963



Tritanopia

51.3586, 0.3623, 0.3148

Trichromacy



Original Color

51.3962, 0.4092, 0.3931

Protanomaly

51.2231, 0.3882, 0.4006

Deuteranomaly

51.3008, 0.4060, 0.3949

Tritanomaly

51.2731, 0.3807, 0.3438

Monochromacy



Original Color

51.3962, 0.4092, 0.3931

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8136, 0.3460, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3962, 0.4092, 0.3931 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(233, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 123)  
}
```

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(233, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 123) }
```

Border

The CSS property to change the border of an element to Yxy 51.3962, 0.4092, 0.3931 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(233, 180, 123) }
```

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

```
.border{ border-color:rgb(233, 180, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 123);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3962, 0.4092, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 123) }
```

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

```
.background{ background-color: rgb(233,  
180, 123) }
```

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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