

Converting Colors

Yxy(54.7775, 0.3897, 0.3689)

Have a look what the booklet for
Yxy(54.7775, 0.3897, 0.3689)
contains.

Yxy(54.6280, 0.3897, 0.3682)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.6280, 0.3897, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	EEB895
RGB	238, 184, 149
RGB Percent	93%, 72%, 58%
CMY	0.0668, 0.2784, 0.4158
CMYK	0.00, 0.23, 0.37, 0.07
HSL	24°, 72%, 76%
HSV	24°, 37%, 93%
XYZ	57.8178, 54.6280, 35.9192
YIQ	196.1560, 43.4190, 0.5630

Conversions

Conversions Part 2

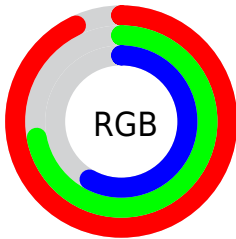
Format	Color
R _Y B	238, 207, 149
Decimal	15644821
CIE Lab	78.83, 14.92, 25.30
CIE LCh	79, 29.372, 59.474
Yxy	54.6280, 0.3897, 0.3682
Android (android.graphics.Color)	4293834901 (0xFFEEB895)
YUV	196.1560, -23.2479, 36.6972
Hunter-Lab	73.9108, 10.2906, 22.9238

Details

The Yxy color **54.6280, 0.3897, 0.3682** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2397, 0.2543, 0.2857**, and the grayscale version is **55.4226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8920, 0.3464, 0.3660**, and **26.8177, 0.4096, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **48.2542, 0.4178, 0.3785**, and if you desaturate by 10%, it is **61.7736, 0.3649, 0.3574**.

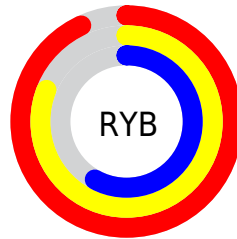
Distribution



Red (93%)

Green (72%)

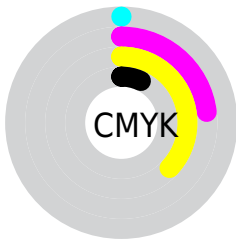
Blue (58%)



Red (93%)

Yellow (81%)

Blue (58%)

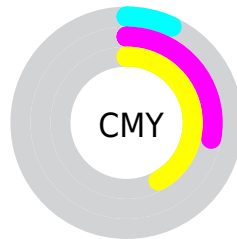


Cyan (0%)

Magenta (23%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6280, 0.3897, 0.3682 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 54.6280, 0.3897, 0.3682 by changing the saturation by 10% instead.


 54.6280, 0.3897,
0.3682


 54.6280, 0.3897,
0.3682


404.5003, 0.3520,
0.3503

 39.1040, 0.3987,
0.3721


 96.9957, 0.3763,
0.3621

 26.8406, 0.4101,
0.3768

 124.6082, 0.3711,
0.3597

 17.4536, 0.4248,
0.3824


157.0189, 0.3668,
0.3576

 10.5584, 0.4444,
0.3891

194.6123, 0.3630,
0.3558

 5.7707, 0.4716,
0.3969

237.7727, 0.3597,
0.3542

 2.7062, 0.5159,
0.4085

286.8846, 0.3569,

 0.9803, 0.5844,

0.3528

0.4156

342.3323, 0.3543,
0.3515

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6280, 0.3897,
0.3682

54.6280, 0.3897,
0.3682

48.2542, 0.4178,
0.3785

61.7736, 0.3649,
0.3574

42.6168, 0.4487,
0.3874

69.7095, 0.3433,
0.3466

37.6887, 0.4814,
0.3936

78.4631, 0.3247,
0.3362

33.4376, 0.5139,
0.3958

88.0580, 0.3088,
0.3265

■ 29.8284, 0.5437,
0.3930

■ 96.9133, 0.3023,
0.3290

■ 26.8196, 0.5683,
0.3848

■ 26.1252, 0.5741,
0.3823

Harmonies

Analogous

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



54.6280, 0.3846, 0.3373



54.6280, 0.3897, 0.3682



54.6280, 0.3730, 0.3916

Triad

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



54.6280, 0.3897, 0.3682



54.6280, 0.2673, 0.3517



54.6280, 0.2822, 0.2675

Complementary

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



54.6280, 0.3897, 0.3682



55.2397, 0.2543, 0.2857

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.



54.6280, 0.2539, 0.2677



54.6280, 0.3897, 0.3682



54.6280, 0.2457, 0.3138

Square

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



54.6280, 0.3897, 0.3682



54.6280, 0.3016, 0.3843



54.6280, 0.2411, 0.2835



54.6280, 0.3203, 0.2814

Rectangle

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



54.6280, 0.3897, 0.3682



54.6280, 0.3524, 0.3988



54.6280, 0.2411, 0.2835



54.6280, 0.2713, 0.2658

Sweetspot

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



54.6306, 0.3897, 0.3682



87.9489, 0.3311, 0.3399



44.0129, 0.3480, 0.2693



18.5245, 0.3336, 0.3413



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.



54.6306, 0.3897, 0.3682



58.0391, 0.4113, 0.3763



75.6060, 0.3726, 0.4124



16.7798, 0.3283, 0.3383



14.8132, 0.5713, 0.3846



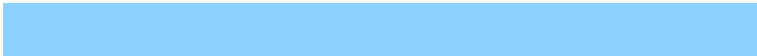
1.4208, 0.5471, 0.4038

Inverse Universe

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



55.2397, 0.2543, 0.2857



58.8213, 0.2426, 0.2749



37.4784, 0.2460, 0.2289



16.8235, 0.2980, 0.3195



14.8809, 0.1874, 0.1946



1.4312, 0.1928, 0.2142

Previews

White Background



This preview shows how the Yxy color 54.6280, 0.3897, 0.3682 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 54.6280, 0.3897, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

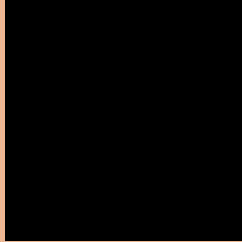
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6280, 0.3897, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 54.6280, 0.3897, 0.3682.



This preview shows how white text looks on a background with the Yxy color 54.6280, 0.3897, 0.3682.

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

54.6280, 0.3897, 0.3682

Protanopia

54.7732, 0.3553, 0.3789

Deuteranopia

54.5018, 0.3822, 0.3737



Tritanopia

54.5238, 0.3572, 0.3139

Trichromacy



Original Color

54.6280, 0.3897, 0.3682

Protanomaly

54.5887, 0.3677, 0.3751

Deuteranomaly

54.5796, 0.3853, 0.3721

Tritanomaly

54.4779, 0.3700, 0.3336

Monochromacy



Original Color

54.6280, 0.3897, 0.3682

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8028, 0.3386, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6280, 0.3897, 0.3682 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(238, 184, 149)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 149)  
}
```

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(238, 184, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.6280, 0.3897, 0.3682 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(238, 184, 149) }
```

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

```
.border{ border-color:rgb(238, 184, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 184, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(238, 184,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6280, 0.3897, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 149) }
```

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

```
.background{ background-color: rgb(238,  
184, 149) }
```

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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