

Converting Colors

Yxy(54.3372, 0.4164, 0.4075)

Have a look what the booklet for
Yxy(54.3372, 0.4164, 0.4075)
contains.

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Color

Yxy(54.3372, 0.4164, 0.4075)

Conversions

Conversions Part 1

Format	Color
Hex	EDBA72
RGB	237, 186, 114
RGB Percent	93%, 73%, 45%
CMY	0.0705, 0.2706, 0.5529
CMYK	0.00, 0.22, 0.52, 0.07
HSL	35°, 77%, 69%
HSV	35°, 52%, 93%
XYZ	55.5240, 54.3372, 23.4817
YIQ	193.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

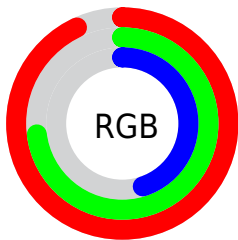
Format	Color
RYB	201, 237, 114
Decimal	15579762
CIELab	78.66, 9.97, 43.27
CIELCh	79, 44.400, 77.028
Yxy	54.3372, 0.4164, 0.4075
Android (android.graphics.Color)	4293769842 (0xFFEDBA72)
YUV	193.0410, -38.9672, 38.5520
Hunter-Lab	73.7138, 5.4537, 32.7127

Details

The Yxy color **54.3372, 0.4164, 0.4075** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.6074, 0.2264, 0.2323**, and the grayscale version is **53.5656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5543, 0.3689, 0.4039**, and **26.6102, 0.4406, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **49.8683, 0.4405, 0.4197**, and if you desaturate by 10%, it is **59.2360, 0.3929, 0.3931**.

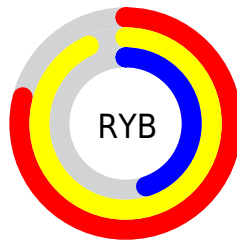
Distribution



Red (93%)

Green (73%)

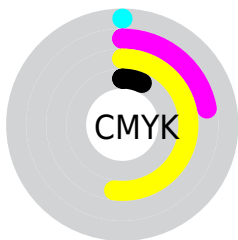
Blue (45%)



Red (79%)

Yellow (93%)

Blue (45%)

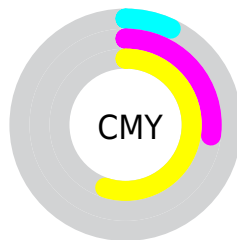


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (7%)



Cyan (7%)


Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3372, 0.4164, 0.4075 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 54.3372, 0.4164, 0.4075 by changing the saturation by 10% instead.


 54.3372, 0.4164,
0.4075


 54.3372, 0.4164,
0.4075


403.3946, 0.3669,
0.3719

 38.8713, 0.4276,
0.4150


 96.5692, 0.3992,
0.3956

 26.6596, 0.4413,
0.4237


 124.1040, 0.3925,
0.3908

 17.3178, 0.4581,
0.4337


 156.4307, 0.3867,
0.3866

 10.4613, 0.4786,
0.4447

193.9335, 0.3817,
0.3829

 5.7059, 0.5070,
0.4585

236.9969, 0.3773,
0.3797

 2.6671, 0.5357,
0.4643

286.0053, 0.3734,

 0.9605, 0.5543,

0.3768

0.4457

341.3431, 0.3700,
0.3742

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3372, 0.4164,
0.4075

54.3372, 0.4164,
0.4075

49.8683, 0.4405,
0.4197

59.2360, 0.3929,
0.3931

45.8048, 0.4642,
0.4285


64.5722, 0.3707,
0.3776

42.1306, 0.4861,
0.4326


70.3628, 0.3504,
0.3619


38.8246, 0.5049,
0.4315

76.6213, 0.3320,
0.3464

 36.3924, 0.5178,
0.4271

 83.3604, 0.3156,
0.3317

 90.5142, 0.3018,
0.3190

 96.6191, 0.3017,
0.3288

 96.7463, 0.3017,
0.3290

Harmonies

Analogous

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



54.3372, 0.4303, 0.3653



54.3372, 0.4164, 0.4075



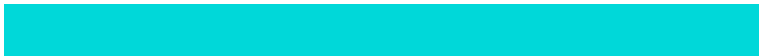
54.3372, 0.3744, 0.4341

Triad

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



54.3372, 0.4164, 0.4075



54.3372, 0.2238, 0.3274



54.3372, 0.2983, 0.2494

Complementary

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



54.3372, 0.4164, 0.4075



36.6074, 0.2264, 0.2323

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.



54.3372, 0.2473, 0.2368



54.3372, 0.4164, 0.4075



54.3372, 0.2077, 0.2754

Square

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



54.3372, 0.4164, 0.4075



54.3372, 0.2632, 0.3876



54.3372, 0.2159, 0.2447



54.3372, 0.3585, 0.2788

Rectangle

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



54.3372, 0.4164, 0.4075



54.3372, 0.3375, 0.4352



54.3372, 0.2159, 0.2447



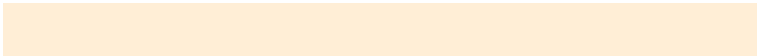
54.3372, 0.2795, 0.2431

Sweetspot

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



54.3398, 0.4164, 0.4075



87.3215, 0.3394, 0.3528



32.7677, 0.3978, 0.2729



18.3640, 0.3432, 0.3560



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.



54.3398, 0.4164, 0.4075



58.7054, 0.4414, 0.4201



78.0813, 0.3806, 0.4577



16.5191, 0.3278, 0.3428



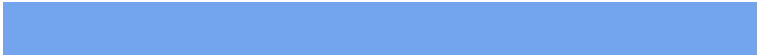
20.1321, 0.5157, 0.4287



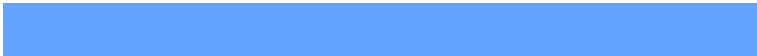
1.7699, 0.4987, 0.4422

Inverse Universe

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



36.6074, 0.2264, 0.2323



35.7594, 0.2099, 0.2087



22.4545, 0.2196, 0.1663



15.5751, 0.2980, 0.3148



8.3810, 0.1697, 0.1309



0.8439, 0.1773, 0.1581

Previews

White Background



This preview shows how the Yxy color 54.3372, 0.4164, 0.4075 looks on a white background.

Color Contrast Check

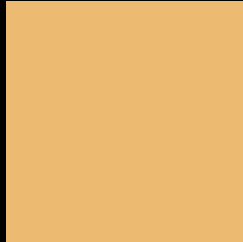
Large Text (above 18pt) WCAG AA × Fail

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 54.3372, 0.4164, 0.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

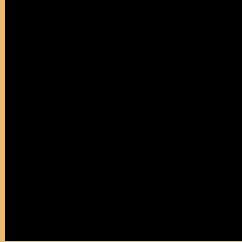
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3372, 0.4164, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 54.3372, 0.4164, 0.4075.



This preview shows how white text looks on a background with the Yxy color 54.3372, 0.4164, 0.4075.

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

54.3372, 0.4164, 0.4075

Protanopia

54.4607, 0.3879, 0.4211

Deuteranopia

54.3372, 0.4164, 0.4075



Tritanopia

54.3951, 0.3610, 0.3151

Trichromacy



Original Color

54.3372, 0.4164, 0.4075

Protanomaly

54.4898, 0.3982, 0.4162

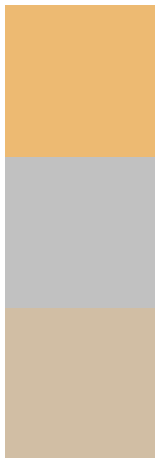
Deuteranomaly

54.3372, 0.4164, 0.4075

Tritanomaly

53.9519, 0.3825, 0.3491

Monochromacy



Original Color

54.3372, 0.4164, 0.4075

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0626, 0.3494, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3372, 0.4164, 0.4075 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(237, 186, 114)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 114)  
}
```

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(237, 186, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 114) }
```

Border

The CSS property to change the border of an element to Yxy 54.3372, 0.4164, 0.4075 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(237, 186, 114) }
```

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

```
.border{ border-color:rgb(237, 186, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 114);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3372, 0.4164, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 114) }
```

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

```
.background{ background-color: rgb(237,  
186, 114) }
```

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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