

Converting Colors

$Y_{xy}(54.5050, 0.3745, 0.3742)$

Have a look what the booklet for
Yxy(54.5050, 0.3745, 0.3742)
contains.

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Color

Yxy(54.4445, 0.3745, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	E0BD96
RGB	224, 189, 150
RGB Percent	88%, 74%, 59%
CMY	0.1215, 0.2588, 0.4118
CMYK	0.00, 0.16, 0.33, 0.12
HSL	32°, 54%, 73%
HSV	32°, 33%, 88%
XYZ	54.4445, 54.4445, 36.4902
YIQ	195.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

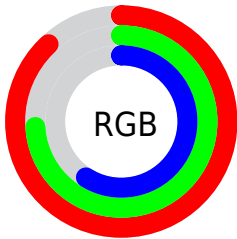
Format	Color
R _Y B	216, 224, 150
Decimal	14728598
CIE Lab	78.72, 6.97, 24.39
CIE LCh	79, 25.366, 74.046
Yxy	54.4445, 0.3745, 0.3745
Android (android.graphics.Color)	4292918678 (0xFFE0BD96)
YUV	195.0190, -22.1944, 25.4163
Hunter-Lab	73.7865, 2.5825, 22.3295

Details

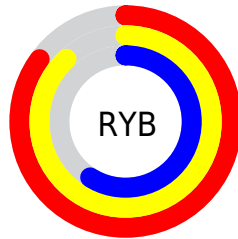
The Yxy color $54.4445, 0.3745, 0.3745$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $46.5633, 0.2595, 0.2785$, and the grayscale version is $54.7065, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.9244, 0.3448, 0.3697$, and $26.8340, 0.3909, 0.3856$ is the 20% darker color. If you saturate the color by 10%, you get $49.4001, 0.3980, 0.3885$, and if you desaturate by 10%, it is $59.9648, 0.3532, 0.3602$.

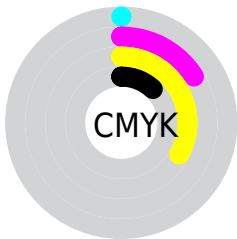
Distribution



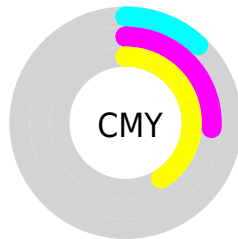
- Red (88%)
- Green (74%)
- Blue (59%)



- Red (85%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (12%)




- Cyan (12%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4445, 0.3745, 0.3745 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 54.4445, 0.3745, 0.3745 by changing the saturation by 10% instead.

 54.4445, 0.3745,
0.3745


 54.4445, 0.3745,
0.3745


403.8028, 0.3444,
0.3530

 38.9571, 0.3817,
0.3795

 96.7266, 0.3638,
0.3670

 26.7264, 0.3908,
0.3856


 124.2901, 0.3597,
0.3641

 17.3678, 0.4025,
0.3932


156.6478, 0.3562,
0.3616

 10.4971, 0.4181,
0.4030

194.1841, 0.3532,
0.3594

 5.7298, 0.4396,
0.4157

237.2833, 0.3506,
0.3575

 2.6815, 0.4747,
0.4357

286.3299, 0.3483,

 0.9678, 0.5348,

0.3558

0.4652

341.7083, 0.3462,
0.3543

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4445, 0.3745,
0.3745

54.4445, 0.3745,
0.3745

49.4001, 0.3980,
0.3885

59.9648, 0.3532,
0.3602

44.8092, 0.4234,
0.4013

65.9677, 0.3342,
0.3463

40.6583, 0.4498,
0.4119

72.4689, 0.3174,
0.3329

36.9301, 0.4760,
0.4191

79.4814, 0.3027,
0.3204

■ 33.6055, 0.5005,
0.4215

■ 86.5584, 0.2938,
0.3157

■ 30.6628, 0.5217,
0.4185

■ 93.0481, 0.2940,
0.3265

■ 28.8205, 0.5345,
0.4138

■ 94.5886, 0.2940,
0.3289

Harmonies

Analogous

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



54.4445, 0.3794, 0.3501



54.4445, 0.3745, 0.3745



54.4445, 0.3526, 0.3883

Triad

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



54.4445, 0.3745, 0.3745



54.4445, 0.2624, 0.3327



54.4445, 0.3018, 0.2797

Complementary

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



54.4445, 0.3745, 0.3745



46.5633, 0.2595, 0.2785

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.



54.4445, 0.2721, 0.2737



54.4445, 0.3745, 0.3745



54.4445, 0.2504, 0.3021

Square

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



54.4445, 0.3745, 0.3745



54.4445, 0.2878, 0.3643



54.4445, 0.2538, 0.2812



54.4445, 0.3361, 0.2971

Rectangle

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



54.4445, 0.3745, 0.3745



54.4445, 0.3319, 0.3884



54.4445, 0.2538, 0.2812



54.4445, 0.2910, 0.2763

Sweetspot

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



54.4470, 0.3745, 0.3745



91.0103, 0.3290, 0.3422



41.1947, 0.3523, 0.2875



19.2213, 0.3314, 0.3441



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.



54.4470, 0.3745, 0.3745



68.0689, 0.3913, 0.3847



71.1699, 0.3614, 0.4114



14.8903, 0.3279, 0.3414



17.0064, 0.5323, 0.4155



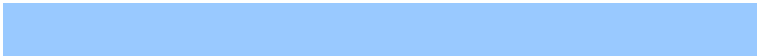
1.3578, 0.5102, 0.4331

Inverse Universe

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



46.5633, 0.2595, 0.2785



55.8780, 0.2475, 0.2653



33.7941, 0.2545, 0.2314



14.3071, 0.2981, 0.3163



9.3522, 0.1749, 0.1495



0.8265, 0.1829, 0.1784

Previews

White Background



This preview shows how the Yxy color 54.4445, 0.3745, 0.3745 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 54.4445, 0.3745, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

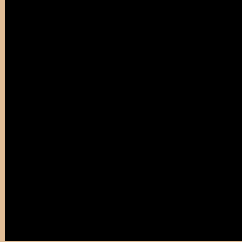
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4445, 0.3745, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 54.4445, 0.3745, 0.3745.



This preview shows how white text looks on a background with the Yxy color 54.4445, 0.3745, 0.3745.

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

54.4445, 0.3745, 0.3745

Protanopia

54.7400, 0.3560, 0.3801

Deuteranopia

54.4007, 0.3797, 0.3716



Tritanopia

54.5562, 0.3407, 0.3133

Trichromacy



Original Color

54.4445, 0.3745, 0.3745

Protanomaly

54.7031, 0.3627, 0.3781

Deuteranomaly

54.4993, 0.3775, 0.3729

Tritanomaly

54.3241, 0.3530, 0.3348

Monochromacy



Original Color

54.4445, 0.3745, 0.3745

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5164, 0.3342, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4445, 0.3745, 0.3745 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(224, 189, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 150)  
}
```

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(224, 189, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.4445, 0.3745, 0.3745 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(224, 189, 150) }
```

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

```
.border{ border-color:rgb(224, 189, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 189, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4445, 0.3745, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 150) }
```

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

```
.background{ background-color: rgb(224,  
189, 150) }
```

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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