

Converting Colors

$Yxy(54.1423, 0.4103, 0.4026)$

Have a look what the booklet for
Yxy(54.1423, 0.4103, 0.4026)
contains.

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Color

Yxy(54.1360, 0.4100, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	EBBA78
RGB	235, 186, 120
RGB Percent	92%, 73%, 47%
CMY	0.0784, 0.2706, 0.5293
CMYK	0.00, 0.21, 0.49, 0.08
HSL	34°, 74%, 70%
HSV	34°, 49%, 92%
XYZ	55.2133, 54.1360, 25.3173
YIQ	193.1270, 50.3900, -10.1380

Conversions

Conversions Part 2

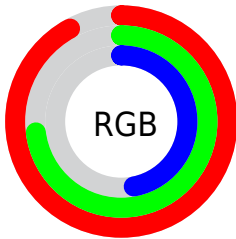
Format	Color
R _Y B	205, 235, 120
Decimal	15448696
CIE Lab	78.54, 9.69, 40.02
CIE LCh	79, 41.174, 76.388
Yxy	54.1360, 0.4100, 0.4020
Android (android.graphics.Color)	4293638776 (0xFFEBBA78)
YUV	193.1270, -36.0516, 36.7226
Hunter-Lab	73.5772, 5.1888, 31.1028

Details

The Yxy color **54.1360, 0.4100, 0.4020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.3833, 0.2318, 0.2408**, and the grayscale version is **53.6040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7814, 0.3652, 0.3980**, and **26.5644, 0.4340, 0.4173** is the 20% darker color. If you saturate the color by 10%, you get **49.5624, 0.4345, 0.4147**, and if you desaturate by 10%, it is **59.1507, 0.3865, 0.3875**.

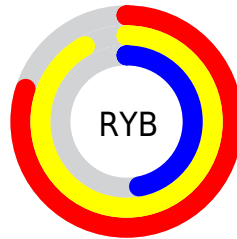
Distribution



Red (92%)

Green (73%)

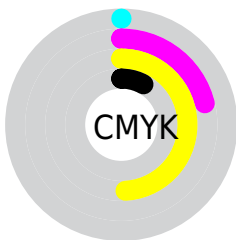
Blue (47%)



Red (80%)

Yellow (92%)

Blue (47%)

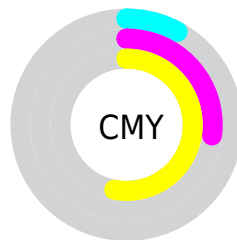


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (8%)



Cyan (8%)


Magenta (27%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1360, 0.4100, 0.4020 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 54.1360, 0.4100, 0.4020 by changing the saturation by 10% instead.


 54.1360, 0.4100,
0.4020

 54.1360, 0.4100,
0.4020


402.6284, 0.3633,
0.3686

 38.7104, 0.4207,
0.4092


 96.2739, 0.3936,
0.3907

 26.5345, 0.4339,
0.4176


 123.7550, 0.3873,
0.3862

 17.2239, 0.4503,
0.4275


 156.0234, 0.3819,
0.3823

 10.3943, 0.4707,
0.4387

193.4634, 0.3772,
0.3789

 5.6612, 0.4974,
0.4514

236.4596, 0.3730,
0.3758

 2.6402, 0.5345,
0.4655

285.3962, 0.3694,

 0.9469, 0.5528,

0.3731

0.4472

340.6577, 0.3662,
0.3707

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1360, 0.4100,
0.4020

54.1360, 0.4100,
0.4020

49.5624, 0.4345,
0.4147

59.1507, 0.3865,
0.3875

45.4057, 0.4589,
0.4244


64.6139, 0.3647,
0.3721

41.6503, 0.4820,
0.4298

70.5424, 0.3448,
0.3567


38.2758, 0.5024,
0.4300


76.9498, 0.3269,
0.3417

 35.2543, 0.5193,
0.4251

 83.8487, 0.3111,
0.3275

 34.9472, 0.5211,
0.4244

 90.8565, 0.3006,
0.3201

 96.4035, 0.3005,
0.3290

Harmonies

Analogous

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



54.1360, 0.4219, 0.3627



54.1360, 0.4100, 0.4020



54.1360, 0.3716, 0.4264

Triad

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



54.1360, 0.4100, 0.4020



54.1360, 0.2304, 0.3291



54.1360, 0.2983, 0.2540

Complementary

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



54.1360, 0.4100, 0.4020



38.3833, 0.2318, 0.2408

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.



54.1360, 0.2509, 0.2426



54.1360, 0.4100, 0.4020



54.1360, 0.2145, 0.2803

Square

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



54.1360, 0.4100, 0.4020



54.1360, 0.2678, 0.3842



54.1360, 0.2217, 0.2508



54.1360, 0.3542, 0.2814

Rectangle

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



54.1360, 0.4100, 0.4020



54.1360, 0.3374, 0.4273



54.1360, 0.2217, 0.2508



54.1360, 0.2809, 0.2482

Sweetspot

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



54.1386, 0.4100, 0.4020



87.8124, 0.3376, 0.3508



34.0003, 0.3883, 0.2737



18.4518, 0.3415, 0.3540



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.



54.1386, 0.4100, 0.4020



59.4775, 0.4353, 0.4151



77.1646, 0.3788, 0.4504



16.4891, 0.3278, 0.3425



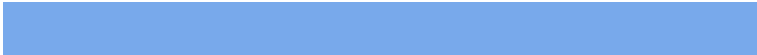
19.7067, 0.5190, 0.4261



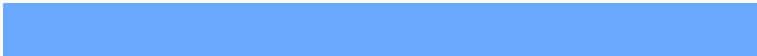
1.7376, 0.5015, 0.4400

Inverse Universe

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



38.3833, 0.2318, 0.2408



38.4515, 0.2151, 0.2179



24.0043, 0.2245, 0.1762



15.6045, 0.2980, 0.3151



8.6696, 0.1707, 0.1344



0.8680, 0.1782, 0.1614

Previews

White Background



This preview shows how the Yxy color 54.1360, 0.4100, 0.4020 looks on a white background.

Color Contrast Check

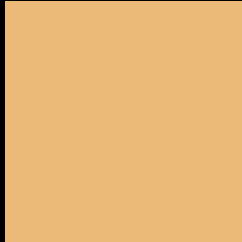
Large Text (above 18pt) WCAG AA × Fail

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 54.1360, 0.4100, 0.4020 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 54.1360, 0.4100, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 54.1360, 0.4100, 0.4020.



This preview shows how white text looks on a background with the Yxy color 54.1360, 0.4100, 0.4020.

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

54.1360, 0.4100, 0.4020

Protanopia

54.4573, 0.3826, 0.4148

Deuteranopia

54.1360, 0.4100, 0.4020



Tritanopia

53.9066, 0.3575, 0.3138

Trichromacy



Original Color

54.1360, 0.4100, 0.4020

Protanomaly

54.3201, 0.3919, 0.4104

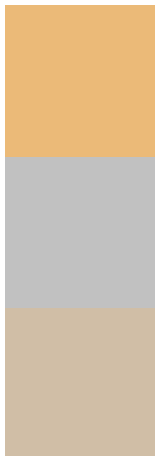
Deuteranomaly

54.1360, 0.4100, 0.4020

Tritanomaly

53.7099, 0.3781, 0.3459

Monochromacy



Original Color

54.1360, 0.4100, 0.4020

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9900, 0.3469, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1360, 0.4100, 0.4020 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(235, 186, 120)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 120)  
}
```

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(235, 186, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 120) }
```

Border

The CSS property to change the border of an element to Yxy 54.1360, 0.4100, 0.4020 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(235, 186, 120) }
```

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

```
.border{ border-color:rgb(235, 186, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 120);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1360, 0.4100, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 120) }
```

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

```
.background{ background-color: rgb(235,  
186, 120) }
```

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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