

Converting Colors

Yxy(54.3923, 0.4151, 0.4027)

Have a look what the booklet for
Yxy(54.3923, 0.4151, 0.4027)
contains.

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Color

Yxy(54.1831, 0.4148, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	EEB976
RGB	238, 185, 118
RGB Percent	93%, 73%, 46%
CMY	0.0666, 0.2745, 0.5372
CMYK	0.00, 0.22, 0.50, 0.07
HSL	33°, 78%, 70%
HSV	33°, 50%, 93%
XYZ	55.8805, 54.1831, 24.6532
YIQ	193.2090, 53.0950, -9.6010

Conversions

Conversions Part 2

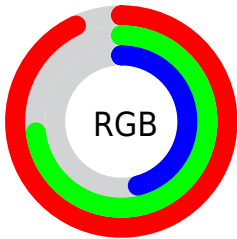
Format	Color
R _Y B	213, 238, 118
Decimal	15645046
CIE Lab	78.57, 11.25, 41.15
CIE LCh	79, 42.659, 74.715
Yxy	54.1831, 0.4148, 0.4022
Android (android.graphics.Color)	4293835126 (0xFFEEB976)
YUV	193.2090, -37.0780, 39.2817
Hunter-Lab	73.6092, 6.6925, 31.6690

Details

The Yxy color **54.1831, 0.4148, 0.4022** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.1532, 0.2297, 0.2401**, and the grayscale version is **53.6586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1109, 0.3667, 0.3991**, and **26.5036, 0.4391, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **49.4523, 0.4399, 0.4142**, and if you desaturate by 10%, it is **59.3871, 0.3907, 0.3882**.

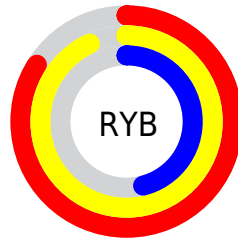
Distribution



Red (93%)

Green (73%)

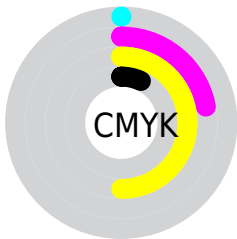
Blue (46%)



Red (84%)

Yellow (93%)

Blue (46%)

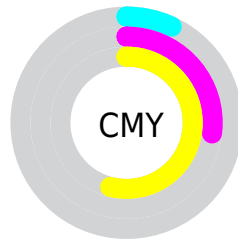


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (7%)



Cyan (7%)


Magenta (27%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1831, 0.4148, 0.4022 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 54.1831, 0.4148, 0.4022 by changing the saturation by 10% instead.


 54.1831, 0.4148,
0.4022

 54.1831, 0.4148,
0.4022


402.8078, 0.3658,
0.3690


 38.7481, 0.4260,
0.4092


 96.3430, 0.3977,
0.3911

 26.5638, 0.4398,
0.4174


 123.8367, 0.3910,
0.3866

 17.2459, 0.4568,
0.4268

 156.1188, 0.3853,
0.3827

 10.4100, 0.4780,
0.4372

193.5735, 0.3804,
0.3793

 5.6716, 0.5062,
0.4490

236.5854, 0.3760,
0.3763

 2.6464, 0.5418,
0.4582

285.5388, 0.3722,

 0.9501, 0.5627,

0.3736

0.4373

340.8182, 0.3688,
0.3712

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1831, 0.4148,
0.4022

54.1831, 0.4148,
0.4022

49.4523, 0.4399,
0.4142

59.3871, 0.3907,
0.3882

45.1690, 0.4650,
0.4230


65.0730, 0.3682,
0.3733


41.3159, 0.4886,
0.4273

71.2589, 0.3478,
0.3582

37.8706, 0.5092,
0.4263

77.9596, 0.3295,
0.3435

 34.9215, 0.5257,
0.4208

 85.1888, 0.3134,
0.3296

 92.5802, 0.3024,
0.3222

 96.9182, 0.3023,
0.3290

Harmonies

Analogous

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



54.1831, 0.4255, 0.3610



54.1831, 0.4148, 0.4022



54.1831, 0.3762, 0.4291

Triad

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



54.1831, 0.4148, 0.4022



54.1831, 0.2292, 0.3321



54.1831, 0.2946, 0.2505

Complementary

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



54.1831, 0.4148, 0.4022



39.1532, 0.2297, 0.2401

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.



54.1831, 0.2466, 0.2398



54.1831, 0.4148, 0.4022



54.1831, 0.2117, 0.2808

Square

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



54.1831, 0.4148, 0.4022



54.1831, 0.2688, 0.3892



54.1831, 0.2178, 0.2492



54.1831, 0.3525, 0.2779

Rectangle

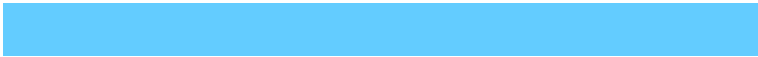
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.1831, 0.4148, 0.4022



54.1831, 0.3411, 0.4316



54.1831, 0.2178, 0.2492



54.1831, 0.2769, 0.2449

Sweetspot

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



54.1857, 0.4148, 0.4022



87.4675, 0.3377, 0.3503



34.1146, 0.3894, 0.2701



18.3687, 0.3416, 0.3534



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.



54.1857, 0.4148, 0.4022



57.4126, 0.4420, 0.4151



79.6174, 0.3820, 0.4531



17.2227, 0.3279, 0.3422



19.7439, 0.5236, 0.4224



1.8405, 0.5061, 0.4363

Inverse Universe

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



39.1532, 0.2297, 0.2401



37.9598, 0.2128, 0.2167



23.4165, 0.2199, 0.1703



16.3778, 0.2980, 0.3155



9.3425, 0.1720, 0.1390



0.9723, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 54.1831, 0.4148, 0.4022 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 54.1831, 0.4148, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

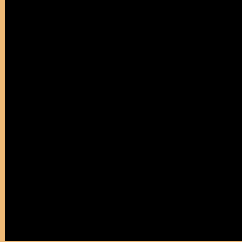
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1831, 0.4148, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 54.1831, 0.4148, 0.4022.



This preview shows how white text looks on a background with the Yxy color 54.1831, 0.4148, 0.4022.

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

54.1831, 0.4148, 0.4022

Protanopia

54.4324, 0.3834, 0.4159

Deuteranopia

54.2587, 0.4124, 0.4038



Tritanopia

54.0015, 0.3612, 0.3140

Trichromacy



Original Color

54.1831, 0.4148, 0.4022

Protanomaly

54.0142, 0.3941, 0.4101

Deuteranomaly

54.4303, 0.4133, 0.4035

Tritanomaly

53.7978, 0.3820, 0.3457

Monochromacy



Original Color

54.1831, 0.4148, 0.4022

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1354, 0.3478, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1831, 0.4148, 0.4022 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, 185, 118)` looks like.

```
.text, #text, p{  
    color:rgb(238, 185, 118)  
}
```

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, 185, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 185, 118) }
```

Border

The CSS property to change the border of an element to Yxy 54.1831, 0.4148, 0.4022 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, 185, 118) }
```

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

```
.border{ border-color:rgb(238, 185, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 185, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 185, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 185, 118);  
box-shadow:4px 4px 4px 4px rgb(238, 185,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1831, 0.4148, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 185, 118) }
```

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

```
.background{ background-color: rgb(238,  
185, 118) }
```

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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