

Converting Colors

Yxy(51.9091, 0.4232, 0.4024)

Have a look what the booklet for
Yxy(51.9091, 0.4232, 0.4024)
contains.

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Color

Yxy(51.9895, 0.4226, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	EEB470
RGB	238, 180, 112
RGB Percent	93%, 71%, 44%
CMY	0.0667, 0.2941, 0.5609
CMYK	0.00, 0.24, 0.53, 0.07
HSL	32°, 79%, 69%
HSV	32°, 53%, 93%
XYZ	54.5045, 51.9895, 22.4802
YIQ	189.5900, 56.3960, -8.8520

Conversions

Conversions Part 2

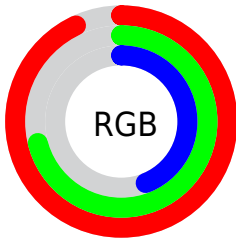
Format	Color
R _{YB}	219, 238, 112
Decimal	15643760
CIE _{Lab}	77.27, 13.36, 42.61
CIE _{LCh}	77, 44.655, 72.597
Yxy	51.9895, 0.4226, 0.4031
Android (android.graphics.Color)	4293833840 (0xFFEEB470)
YUV	189.5900, -38.2519, 42.4556
Hunter-Lab	72.1037, 8.7498, 31.9874

Details

The Yxy color **51.9895, 0.4226, 0.4031** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.3488, 0.2263, 0.2379**, and the grayscale version is **51.4439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9675, 0.3721, 0.4004**, and **25.1103, 0.4498, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **47.2816, 0.4486, 0.4140**, and if you desaturate by 10%, it is **57.1919, 0.3976, 0.3899**.

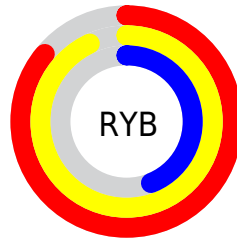
Distribution



Red (93%)

Green (71%)

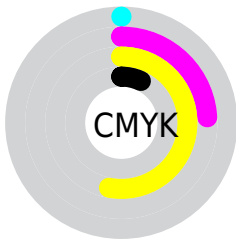
Blue (44%)



Red (86%)

Yellow (93%)

Blue (44%)

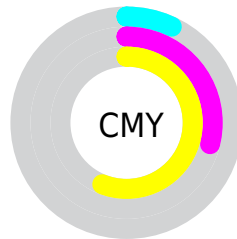


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9895, 0.4226, 0.4031 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 51.9895, 0.4226, 0.4031 by changing the saturation by 10% instead.

 51.9895, 0.4226,
0.4031


 51.9895, 0.4226,
0.4031


394.3961, 0.3696,
0.3697


 36.9967, 0.4348,
0.4100


 93.1158, 0.4040,
0.3920

 25.2049, 0.4497,
0.4179


 120.0180, 0.3968,
0.3875

 16.2298, 0.4681,
0.4267


 151.6589, 0.3906,
0.3836

 9.6869, 0.4909,
0.4359

 188.4227, 0.3853,
0.3802

 5.1919, 0.5247,
0.4486

230.6940, 0.3806,
0.3771

 2.3603, 0.5539,
0.4461

278.8570, 0.3765,

 0.8053, 0.5811,

0.3744

0.4189

333.2963, 0.3728,
0.3719

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9895, 0.4226,
0.4031

51.9895, 0.4226,
0.4031

47.2816, 0.4486,
0.4140

57.1919, 0.3976,
0.3899

43.0414, 0.4743,
0.4214

62.8990, 0.3742,
0.3756

39.2499, 0.4981,
0.4240

69.1301, 0.3530,
0.3610

35.8827, 0.5187,
0.4212

75.9008, 0.3340,
0.3466

■ 33.7439, 0.5312,
0.4164

■ 83.2261, 0.3173,
0.3329

■ 91.1201, 0.3025,
0.3200

■ 96.9174, 0.3023,
0.3290

Harmonies

Analogous

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



51.9895, 0.4318, 0.3589



51.9895, 0.4226, 0.4031



51.9895, 0.3831, 0.4339

Triad

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



51.9895, 0.4226, 0.4031



51.9895, 0.2266, 0.3364



51.9895, 0.2893, 0.2449

Complementary

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



51.9895, 0.4226, 0.4031



38.3488, 0.2263, 0.2379

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.



51.9895, 0.2399, 0.2349



51.9895, 0.4226, 0.4031



51.9895, 0.2066, 0.2808

Square

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



51.9895, 0.4226, 0.4031



51.9895, 0.2697, 0.3970



51.9895, 0.2114, 0.2461



51.9895, 0.3505, 0.2725

Rectangle

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



51.9895, 0.4226, 0.4031



51.9895, 0.3465, 0.4387



51.9895, 0.2114, 0.2461



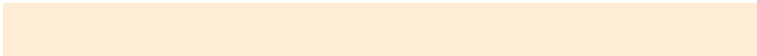
51.9895, 0.2709, 0.2394

Sweetspot

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



51.9920, 0.4226, 0.4031



86.2468, 0.3397, 0.3510



32.6896, 0.3925, 0.2652



18.1077, 0.3436, 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.



51.9920, 0.4226, 0.4031



54.6342, 0.4519, 0.4152



79.7775, 0.3865, 0.4577



17.1726, 0.3280, 0.3418



19.0875, 0.5290, 0.4182



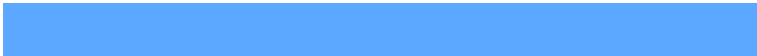
1.7868, 0.5106, 0.4328

Inverse Universe

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



38.3488, 0.2263, 0.2379



37.0833, 0.2093, 0.2141



21.4777, 0.2132, 0.1609



16.4273, 0.2980, 0.3159



9.8593, 0.1736, 0.1448



1.0170, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 51.9895, 0.4226, 0.4031 looks on a white background.

Color Contrast Check

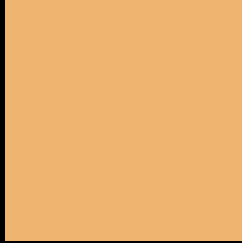
Large Text (above 18pt) WCAG AA × Fail

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 51.9895, 0.4226, 0.4031 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 51.9895, 0.4226, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 51.9895, 0.4226, 0.4031.



This preview shows how white text looks on a background with the Yxy color 51.9895, 0.4226, 0.4031.

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

51.9895, 0.4226, 0.4031

Protanopia

52.0779, 0.3871, 0.4193

Deuteranopia

51.7594, 0.4167, 0.4079



Tritanopia

51.8196, 0.3679, 0.3150

Trichromacy



Original Color

51.9895, 0.4226, 0.4031

Protanomaly

51.9941, 0.3999, 0.4127

Deuteranomaly

51.6879, 0.4192, 0.4063

Tritanomaly

51.6180, 0.3893, 0.3469

Monochromacy



Original Color

51.9895, 0.4226, 0.4031

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9918, 0.3503, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9895, 0.4226, 0.4031 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, 180, 112)` looks like.

```
.text, #text, p{  
    color:rgb(238, 180, 112)  
}
```

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, 180, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 180, 112) }
```

Border

The CSS property to change the border of an element to Yxy 51.9895, 0.4226, 0.4031 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, 180, 112) }
```

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

```
.border{ border-color:rgb(238, 180, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 180, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 180, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 180, 112); box-shadow:4px 4px 4px 4px rgb(238, 180, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9895, 0.4226, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 180, 112) }
```

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

```
.background{ background-color: rgb(238,  
180, 112) }
```

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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