

Converting Colors

Yxy(52.2164, 0.4042, 0.4025)

Have a look what the booklet for
Yxy(52.2164, 0.4042, 0.4025)
contains.

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Color

Yxy(51.9679, 0.4040, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	E3B878
RGB	227, 184, 120
RGB Percent	89%, 72%, 47%
CMY	0.1098, 0.2784, 0.5293
CMYK	0.00, 0.19, 0.47, 0.11
HSL	36°, 66%, 68%
HSV	36°, 47%, 89%
XYZ	52.2135, 51.9679, 25.0599
YIQ	189.5610, 46.1720, -10.7880

Conversions

Conversions Part 2

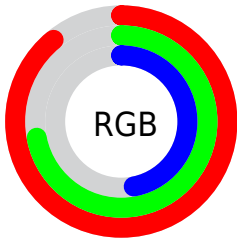
Format	Color
RYB	192, 227, 120
Decimal	14923896
CIELab	77.26, 7.51, 38.23
CIELCh	77, 38.960, 78.889
Yxy	51.9679, 0.4040, 0.4021
Android (android.graphics.Color)	4293113976 (0xFFE3B878)
YUV	189.5610, -34.2936, 32.8340
Hunter-Lab	72.0888, 3.1311, 29.8514

Details

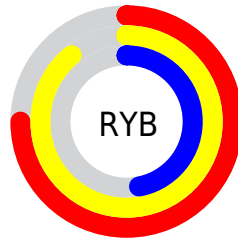
The Yxy color **51.9679, 0.4040, 0.4021** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.7545, 0.2343, 0.2412**, and the grayscale version is **51.4113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5973, 0.3657, 0.3962**, and **25.1098, 0.4265, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **47.8121, 0.4275, 0.4157**, and if you desaturate by 10%, it is **56.5040, 0.3814, 0.3868**.

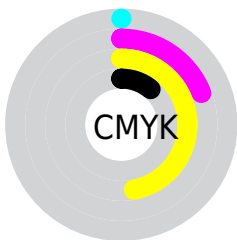
Distribution



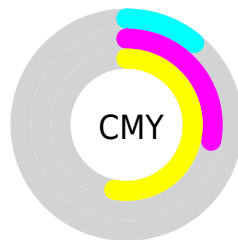
- Red (89%)
- Green (72%)
- Blue (47%)



- Red (75%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (11%)




- Cyan (11%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9679, 0.4040, 0.4021 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 51.9679, 0.4040, 0.4021 by changing the saturation by 10% instead.


 51.9679, 0.4040,
0.4021


 51.9679, 0.4040,
0.4021


394.3127, 0.3598,
0.3680

 36.9795, 0.4143,
0.4096


 93.0839, 0.3885,
0.3904

 25.1916, 0.4269,
0.4186


 119.9803, 0.3825,
0.3858

 16.2199, 0.4427,
0.4293


 151.6148, 0.3773,
0.3818

 9.6799, 0.4625,
0.4418

188.3718, 0.3729,
0.3784

 5.1872, 0.4890,
0.4570

230.6356, 0.3690,
0.3753

 2.3575, 0.5256,
0.4744

278.7908, 0.3656,

 0.8039, 0.5421,

0.3726

0.4579

333.2217, 0.3626,
0.3702

0.0000, 0.0000,
0.0000

51.9679, 0.4040,
0.4021

51.9679, 0.4040,
0.4021

47.8121, 0.4275,
0.4157

56.5040, 0.3814,
0.3868

44.0152, 0.4510,
0.4266

61.4259, 0.3604,
0.3708

40.5644, 0.4732,
0.4334

66.7482, 0.3412,
0.3549


37.4424, 0.4931,
0.4352

72.4823, 0.3239,
0.3395

34.6278, 0.5094,
0.4317

78.6389, 0.3085,
0.3249

 33.8663, 0.5138,
0.4302

 85.1480, 0.2955,
0.3125

 90.6213, 0.2957,
0.3218

 95.0726, 0.2958,
0.3290

Harmonies

Analogous

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



51.9679, 0.4177, 0.3651



51.9679, 0.4040, 0.4021



51.9679, 0.3656, 0.4233

Triad

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



51.9679, 0.4040, 0.4021



51.9679, 0.2314, 0.3249



51.9679, 0.3034, 0.2583

Complementary

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



51.9679, 0.4040, 0.4021



35.7545, 0.2343, 0.2412

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.



51.9679, 0.2565, 0.2460



51.9679, 0.4040, 0.4021



51.9679, 0.2179, 0.2793

Square

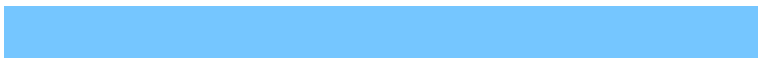
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9679, 0.4040, 0.4021



51.9679, 0.2660, 0.3777



51.9679, 0.2267, 0.2523



51.9679, 0.3570, 0.2860

Rectangle

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



51.9679, 0.4040, 0.4021



51.9679, 0.3323, 0.4221



51.9679, 0.2267, 0.2523



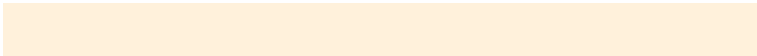
51.9679, 0.2863, 0.2523

Sweetspot

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



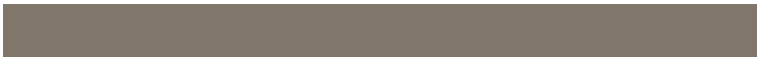
51.9704, 0.4040, 0.4021



89.0914, 0.3357, 0.3502



32.4773, 0.3862, 0.2777



18.7300, 0.3396, 0.3536



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.



51.9704, 0.4040, 0.4021



62.1103, 0.4281, 0.4161



71.2211, 0.3752, 0.4468



15.7940, 0.3277, 0.3430



19.9833, 0.5120, 0.4316



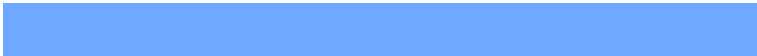
1.6576, 0.4949, 0.4453

Inverse Universe

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



35.7545, 0.2343, 0.2412



38.5518, 0.2172, 0.2178



23.6524, 0.2298, 0.1834



14.8336, 0.2981, 0.3146



7.8396, 0.1687, 0.1273



0.7574, 0.1767, 0.1563

Previews

White Background



This preview shows how the Yxy color 51.9679, 0.4040, 0.4021 looks on a white background.

Color Contrast Check

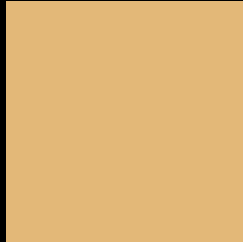
Large Text (above 18pt) WCAG AA × Fail

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 51.9679, 0.4040, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

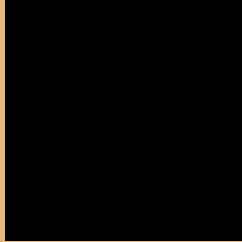
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9679, 0.4040, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 51.9679, 0.4040, 0.4021.



This preview shows how white text looks on a background with the Yxy color 51.9679, 0.4040, 0.4021.

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

51.9679, 0.4040, 0.4021

Protanopia

52.1016, 0.3809, 0.4116

Deuteranopia

52.2120, 0.4082, 0.4000



Tritanopia

51.6577, 0.3526, 0.3134

Trichromacy



Original Color

51.9679, 0.4040, 0.4021

Protanomaly

51.8187, 0.3895, 0.4076

Deuteranomaly

52.0460, 0.4073, 0.4003

Tritanomaly

51.5100, 0.3724, 0.3452

Monochromacy



Original Color

51.9679, 0.4040, 0.4021

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3796, 0.3438, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9679, 0.4040, 0.4021 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(227, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 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(227, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 120) }
```

Border

The CSS property to change the border of an element to Yxy 51.9679, 0.4040, 0.4021 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(227, 184, 120) }
```

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

```
.border{ border-color:rgb(227, 184, 120) }
```

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

Here you see how a box with a 4 pixel rgb(227, 184, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9679, 0.4040, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 120) }
```

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

```
.background{ background-color: rgb(227,  
184, 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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