

Converting Colors

$Yxy(48.4587, 0.4044, 0.3671)$

Have a look what the booklet for
Yxy(48.4587, 0.4044, 0.3671)
contains.

Yxy(48.2178, 0.4041, 0.3666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2178, 0.4041, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	EBAA89
RGB	235, 170, 137
RGB Percent	92%, 67%, 54%
CMY	0.0784, 0.3333, 0.4629
CMYK	0.00, 0.28, 0.42, 0.08
HSL	20°, 71%, 73%
HSV	20°, 42%, 92%
XYZ	53.1501, 48.2178, 30.1591
YIQ	185.6730, 49.3330, 3.5170

Conversions

Conversions Part 2

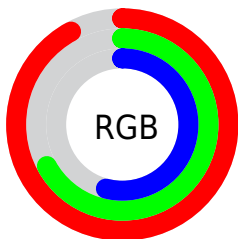
Format	Color
R _Y B	235, 187, 137
Decimal	15444617
CIE Lab	74.96, 19.85, 26.46
CIE LCh	75, 33.080, 53.118
Yxy	48.2178, 0.4041, 0.3666
Android (android.graphics.Color)	4293634697 (0xFFEBA89)
YUV	185.6730, -23.9958, 43.2598
Hunter-Lab	69.4390, 15.1092, 22.8562

Details

The Yxy color **48.2178, 0.4041, 0.3666** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.5376, 0.2490, 0.2872**, and the grayscale version is **49.0265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8720, 0.3577, 0.3637**, and **22.9921, 0.4289, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **42.1180, 0.4353, 0.3750**, and if you desaturate by 10%, it is **55.1614, 0.3766, 0.3574**.

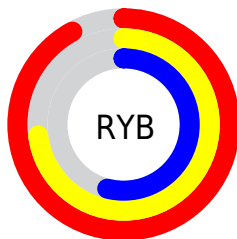
Distribution



Red (92%)

Green (67%)

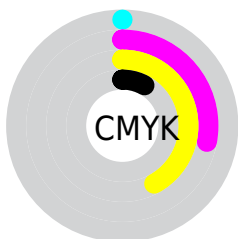
Blue (54%)



Red (92%)

Yellow (73%)

Blue (54%)

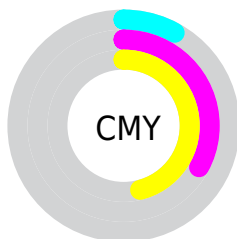


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2178, 0.4041, 0.3666 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 48.2178, 0.4041, 0.3666 by changing the saturation by 10% instead.


 48.2178, 0.4041,
0.3666


 48.2178, 0.4041,
0.3666


379.6548, 0.3584,
0.3497

 33.9994, 0.4153,
0.3701

 87.5286, 0.3876,
0.3609

 22.8931, 0.4296,
0.3743


 113.3898, 0.3814,
0.3587

 14.5146, 0.4482,
0.3790


 143.9007, 0.3761,
0.3567

 8.4795, 0.4732,
0.3840

179.4457, 0.3715,
0.3550

 4.4032, 0.5082,
0.3884

220.4092, 0.3676,
0.3534

 1.9016, 0.5903,
0.4097

267.1757, 0.3642,

 0.5493, 0.6495,

0.3520

0.3505

320.1294, 0.3611,
0.3508

0.0000, 0.0000,
0.0000

48.2178, 0.4041,
0.3666

48.2178, 0.4041,
0.3666

42.1180, 0.4353,
0.3750

55.1614, 0.3766,
0.3574

36.8213, 0.4695,
0.3815

62.9736, 0.3528,
0.3481

32.2938, 0.5051,
0.3849

71.6865, 0.3326,
0.3390

28.4961, 0.5395,
0.3841

81.3286, 0.3154,
0.3304

25.3841, 0.5694,
0.3782

91.9270, 0.3009,
0.3225

■ 23.2840, 0.5894,
0.3702

■ 96.4029, 0.3005,
0.3290

Harmonies

Analogous

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



48.2178, 0.3926, 0.3301



48.2178, 0.4041, 0.3666



48.2178, 0.3891, 0.3972

Triad

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



48.2178, 0.4041, 0.3666



48.2178, 0.2669, 0.3650



48.2178, 0.2686, 0.2563

Complementary

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



48.2178, 0.4041, 0.3666



53.5376, 0.2490, 0.2872

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.



48.2178, 0.2396, 0.2599



48.2178, 0.4041, 0.3666



48.2178, 0.2384, 0.3197

Square

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



48.2178, 0.4041, 0.3666



48.2178, 0.3088, 0.4006



48.2178, 0.2290, 0.2816



48.2178, 0.3114, 0.2693

Rectangle

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



48.2178, 0.4041, 0.3666



48.2178, 0.3671, 0.4093



48.2178, 0.2290, 0.2816



48.2178, 0.2571, 0.2555

Sweetspot

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



48.2201, 0.4041, 0.3666



84.8164, 0.3351, 0.3402



39.8242, 0.3485, 0.2575



17.6432, 0.3394, 0.3422



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.



48.2201, 0.4041, 0.3666



51.7315, 0.4304, 0.3738



69.9562, 0.3816, 0.4170



15.8837, 0.3284, 0.3370



13.1692, 0.5865, 0.3725



1.2060, 0.5597, 0.3938

Inverse Universe

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



53.5376, 0.2490, 0.2872



58.8723, 0.2372, 0.2769



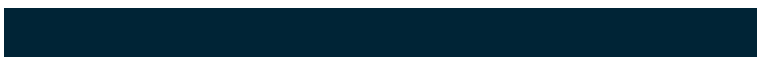
34.1965, 0.2383, 0.2218



16.2171, 0.2981, 0.3209



16.7789, 0.1931, 0.2150



1.4940, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 48.2178, 0.4041, 0.3666 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 48.2178, 0.4041, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

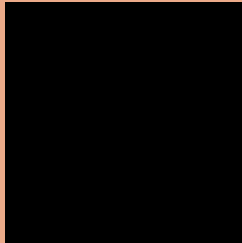
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2178, 0.4041, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 48.2178, 0.4041, 0.3666.



This preview shows how white text looks on a background with the Yxy color 48.2178, 0.4041, 0.3666.

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

48.2178, 0.4041, 0.3666

Protanopia

48.5819, 0.3565, 0.3815

Deuteranopia

48.2819, 0.3868, 0.3782



Tritanopia

48.0760, 0.3719, 0.3147

Trichromacy



Original Color

48.2178, 0.4041, 0.3666

Protanomaly

48.4145, 0.3737, 0.3770

Deuteranomaly

48.0572, 0.3937, 0.3737

Tritanomaly

48.0582, 0.3848, 0.3337

Monochromacy



Original Color

48.2178, 0.4041, 0.3666

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3070, 0.3439, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2178, 0.4041, 0.3666 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, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 137)  
}
```

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, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 137) }
```

Border

The CSS property to change the border of an element to Yxy 48.2178, 0.4041, 0.3666 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, 170, 137) }
```

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

```
.border{ border-color:rgb(235, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2178, 0.4041, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 137) }
```

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

```
.background{ background-color: rgb(235,  
170, 137) }
```

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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