

Converting Colors

$Y_{xy}(46.1379, 0.3861, 0.3525)$

Have a look what the booklet for
Yxy(46.1379, 0.3861, 0.3525)
contains.

Yxy(46.3121, 0.3862, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.3121, 0.3862, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	E2A894
RGB	226, 168, 148
RGB Percent	89%, 66%, 58%
CMY	0.1137, 0.3411, 0.4196
CMYK	0.00, 0.26, 0.35, 0.11
HSL	15°, 57%, 73%
HSV	15°, 35%, 89%
XYZ	50.7109, 46.3121, 34.2843
YIQ	183.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

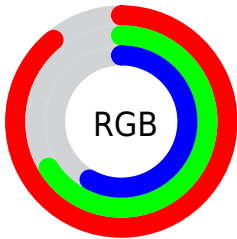
Format	Color
R _Y B	226, 175, 148
Decimal	14854292
CIE Lab	73.75, 18.69, 18.67
CIE LCh	74, 26.419, 44.978
Yxy	46.3121, 0.3862, 0.3527
Android (android.graphics.Color)	4293044372 (0xFFE2A894)
YUV	183.0620, -17.2856, 37.6566
Hunter-Lab	68.0530, 13.9197, 17.7674

Details

The Yxy color $46.3121, 0.3862, 0.3527$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.9252, 0.2607, 0.3037$, and the grayscale version is $47.4706, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2996, 0.3504, 0.3504$, and $21.7889, 0.4076, 0.3586$ is the 20% darker color. If you saturate the color by 10%, you get $39.8582, 0.4167, 0.3596$, and if you desaturate by 10%, it is $53.7119, 0.3602, 0.3455$.

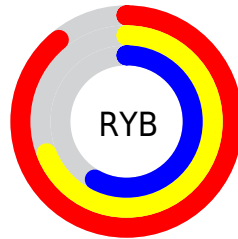
Distribution



Red (89%)

Green (66%)

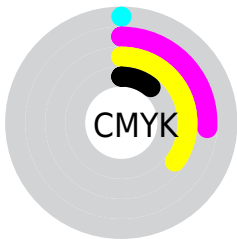
Blue (58%)



Red (89%)

Yellow (69%)

Blue (58%)

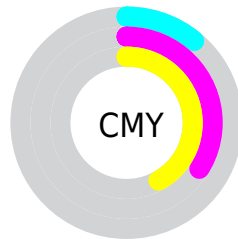


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3121, 0.3862, 0.3527 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 46.3121, 0.3862, 0.3527 by changing the saturation by 10% instead.

 46.3121, 0.3862,
0.3527


 46.3121, 0.3862,
0.3527

372.0620, 0.3491,
0.3419

 32.4922, 0.3955,
0.3550


 84.6859, 0.3727,
0.3491

 21.7377, 0.4075,
0.3577


 110.0085, 0.3676,
0.3476

 13.6643, 0.4233,
0.3610

139.9342, 0.3633,
0.3463

 7.8876, 0.4453,
0.3646

174.8473, 0.3596,
0.3452

 4.0231, 0.4774,
0.3682

215.1323, 0.3565,
0.3443

 1.6865, 0.5419,
0.3791

261.1734, 0.3537,

 0.4149, 0.6721,

0.3434

0.3279

313.3552, 0.3513,
0.3426

0.0000, 0.0000,
0.0000

46.3121, 0.3862,
0.3527

46.3121, 0.3862,
0.3527

39.8582, 0.4167,
0.3596

53.7119, 0.3602,
0.3455

34.3048, 0.4516,
0.3655

62.0872, 0.3383,
0.3385

29.6128, 0.4898,
0.3695

71.4747, 0.3199,
0.3319

25.7372, 0.5290,
0.3705

81.9071, 0.3047,
0.3257

22.6289, 0.5656,
0.3674

93.0228, 0.2952,
0.3260

■ 20.2324, 0.5953,
0.3601

■ 94.9079, 0.2952,
0.3289

■ 19.1906, 0.6084,
0.3551

Harmonies

Analogous

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



46.3121, 0.3711, 0.3223



46.3121, 0.3862, 0.3527



46.3121, 0.3801, 0.3794

Triad

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



46.3121, 0.3862, 0.3527



46.3121, 0.2842, 0.3670



46.3121, 0.2691, 0.2686

Complementary

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



46.3121, 0.3862, 0.3527



55.9252, 0.2607, 0.3037

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.



46.3121, 0.2487, 0.2761



46.3121, 0.3862, 0.3527



46.3121, 0.2570, 0.3318

Square

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



46.3121, 0.3862, 0.3527



46.3121, 0.3201, 0.3907



46.3121, 0.2444, 0.2983



46.3121, 0.3018, 0.2757

Rectangle

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



46.3121, 0.3862, 0.3527



46.3121, 0.3653, 0.3912



46.3121, 0.2444, 0.2983



46.3121, 0.2606, 0.2694

Sweetspot

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



46.3143, 0.3862, 0.3527



86.9593, 0.3297, 0.3355



41.8294, 0.3344, 0.2631



18.2443, 0.3324, 0.3364



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.



46.3143, 0.3862, 0.3527



55.0260, 0.4063, 0.3574



62.6885, 0.3714, 0.3953



14.2691, 0.3286, 0.3351



11.1109, 0.6057, 0.3573



0.9128, 0.5753, 0.3814

Inverse Universe

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



55.9252, 0.2607, 0.3037



69.3349, 0.2514, 0.2979



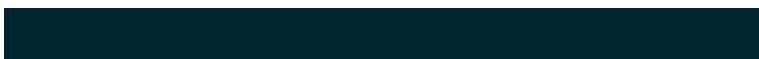
39.6085, 0.2539, 0.2524



14.9460, 0.2982, 0.3228



19.3170, 0.2011, 0.2440



1.4803, 0.2052, 0.2586

Previews

White Background



This preview shows how the Yxy color 46.3121, 0.3862, 0.3527 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 46.3121, 0.3862, 0.3527 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 46.3121, 0.3862, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 46.3121, 0.3862, 0.3527.



This preview shows how white text looks on a background with the Yxy color 46.3121, 0.3862, 0.3527.

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

46.3121, 0.3862, 0.3527

Protanopia

46.4572, 0.3438, 0.3643

Deuteranopia

46.2276, 0.3706, 0.3625



Tritanopia

46.3435, 0.3635, 0.3153

Trichromacy



Original Color

46.3121, 0.3862, 0.3527

Protanomaly

46.1550, 0.3589, 0.3594

Deuteranomaly

46.2106, 0.3761, 0.3595

Tritanomaly

46.1574, 0.3719, 0.3280

Monochromacy



Original Color

46.3121, 0.3862, 0.3527

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8852, 0.3381, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3121, 0.3862, 0.3527 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(226, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 148)  
}
```

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(226, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.3121, 0.3862, 0.3527 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(226, 168, 148) }
```

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

```
.border{ border-color:rgb(226, 168, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(226, 168,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3121, 0.3862, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 148) }
```

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

```
.background{ background-color: rgb(226,  
168, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor