

Converting Colors

$Yxy(42.4752, 0.4132, 0.3633)$

Have a look what the booklet for
Yxy(42.4752, 0.4132, 0.3633)
contains.

Yxy(42.3305, 0.4138, 0.3629)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3305, 0.4138, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	E59D80
RGB	229, 157, 128
RGB Percent	90%, 62%, 50%
CMY	0.1019, 0.3843, 0.4981
CMYK	0.00, 0.31, 0.44, 0.10
HSL	17°, 66%, 70%
HSV	17°, 44%, 90%
XYZ	48.2677, 42.3305, 26.0468
YIQ	175.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

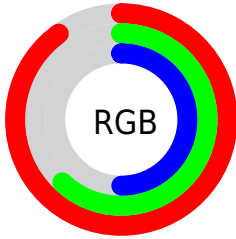
Format	Color
R _Y B	229, 169, 128
Decimal	15048064
CIE Lab	71.10, 23.49, 26.02
CIE LCh	71, 35.049, 47.922
Yxy	42.3305, 0.4138, 0.3629
Android (android.graphics.Color)	4293238144 (0xFFE59D80)
YUV	175.2220, -23.2804, 47.1633
Hunter-Lab	65.0619, 18.5662, 21.8072

Details

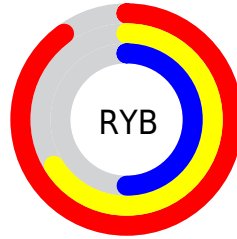
The Yxy color $42.3305, 0.4138, 0.3629$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $51.5548, 0.2468, 0.2912$, and the grayscale version is $43.0945, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6832, 0.3684, 0.3611$, and $19.3256, 0.4431, 0.3682$ is the 20% darker color. If you saturate the color by 10%, you get $36.6362, 0.4475, 0.3697$, and if you desaturate by 10%, it is $48.9030, 0.3842, 0.3552$.

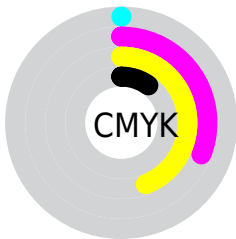
Distribution



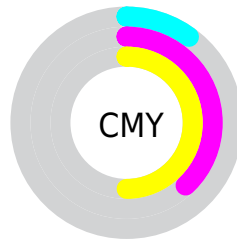
- Red (90%)
- Green (62%)
- Blue (50%)



- Red (90%)
- Yellow (66%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3305, 0.4138, 0.3629 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 42.3305, 0.4138, 0.3629 by changing the saturation by 10% instead.


 42.3305, 0.4138,
0.3629

 42.3305, 0.4138,
0.3629


355.8512, 0.3621,
0.3479

 29.3602, 0.4268,
0.3659


 78.6996, 0.3949,
0.3580

 19.3535, 0.4436,
0.3692


 102.8671, 0.3878,
0.3560

 11.9260, 0.4657,
0.3727


 131.5358, 0.3818,
0.3542

 6.6933, 0.4959,
0.3757


165.0902, 0.3767,
0.3526

 3.2710, 0.5400,
0.3766

203.9145, 0.3723,
0.3512

 1.2748, 0.6222,
0.3778

248.3931, 0.3685,

 0.1216, 0.8500,

0.3500

0.1500

298.9106, 0.3651,
0.3489

0.0000, 0.0000,
0.0000

42.3305, 0.4138,
0.3629

42.3305, 0.4138,
0.3629

36.6362, 0.4475,
0.3697

48.9030, 0.3842,
0.3552

31.7756, 0.4843,
0.3744

56.3835, 0.3588,
0.3472

27.7095, 0.5222,
0.3760

64.8076, 0.3373,
0.3393

24.3924, 0.5579,
0.3734

74.2075, 0.3193,
0.3319

21.7736, 0.5874,
0.3662

84.6135, 0.3041,
0.3250

■ 20.5280, 0.6016,
0.3606

■ 95.3666, 0.2970,
0.3289

■ 95.3991, 0.2970,
0.3290

Harmonies

Analogous

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



42.3305, 0.3961, 0.3228



42.3305, 0.4138, 0.3629



42.3305, 0.4017, 0.3988

Triad

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



42.3305, 0.4138, 0.3629



42.3305, 0.2691, 0.3773



42.3305, 0.2573, 0.2486

Complementary

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



42.3305, 0.4138, 0.3629



51.5548, 0.2468, 0.2912

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.



42.3305, 0.2289, 0.2555



42.3305, 0.4138, 0.3629



42.3305, 0.2350, 0.3268

Square

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



42.3305, 0.4138, 0.3629



42.3305, 0.3166, 0.4132



42.3305, 0.2211, 0.2824



42.3305, 0.3022, 0.2600

Rectangle

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



42.3305, 0.4138, 0.3629



42.3305, 0.3795, 0.4151



42.3305, 0.2211, 0.2824



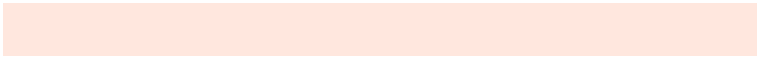
42.3305, 0.2457, 0.2488

Sweetspot

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



42.3326, 0.4138, 0.3629



83.8849, 0.3353, 0.3385



36.2847, 0.3459, 0.2485



17.4151, 0.3397, 0.3402



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.



42.3326, 0.4138, 0.3629



47.2922, 0.4447, 0.3692



62.9019, 0.3879, 0.4168



15.0387, 0.3285, 0.3358



11.9146, 0.5988, 0.3627



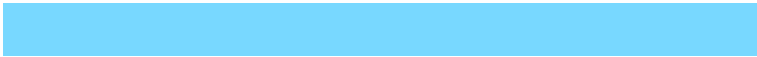
1.0355, 0.5701, 0.3856

Inverse Universe

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



51.5548, 0.2468, 0.2912



60.4110, 0.2350, 0.2818



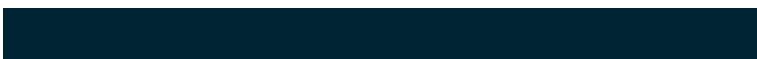
32.0214, 0.2349, 0.2216



15.6003, 0.2981, 0.3221



18.4754, 0.1981, 0.2330



1.5223, 0.2024, 0.2487

Previews

White Background



This preview shows how the Yxy color 42.3305, 0.4138, 0.3629 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 42.3305, 0.4138, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

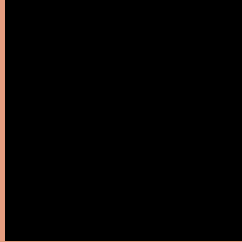
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3305, 0.4138, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 42.3305, 0.4138, 0.3629.



This preview shows how white text looks on a background with the Yxy color 42.3305, 0.4138, 0.3629.

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

42.3305, 0.4138, 0.3629

Protanopia

42.4888, 0.3565, 0.3803

Deuteranopia

42.4092, 0.3890, 0.3808



Tritanopia

42.2926, 0.3819, 0.3154

Trichromacy



Original Color

42.3305, 0.4138, 0.3629

Protanomaly

42.2553, 0.3771, 0.3741

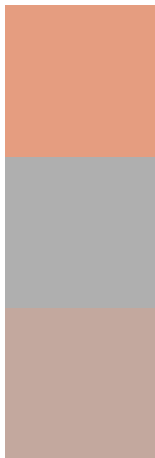
Deuteranomaly

42.1738, 0.3979, 0.3733

Tritanomaly

42.3345, 0.3937, 0.3327

Monochromacy



Original Color

42.3305, 0.4138, 0.3629

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0760, 0.3471, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3305, 0.4138, 0.3629 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(229, 157, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 128)  
}
```

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(229, 157, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 128) }
```

Border

The CSS property to change the border of an element to Yxy 42.3305, 0.4138, 0.3629 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(229, 157, 128) }
```

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

```
.border{ border-color:rgb(229, 157, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 157, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 157, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 157, 128); box-shadow:4px 4px 4px 4px rgb(229, 157, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3305, 0.4138, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 128) }
```

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

```
.background{ background-color: rgb(229,  
157, 128) }
```

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