

Converting Colors

$Yxy(60.9008, 0.3509, 0.3529)$

Have a look what the booklet for
Yxy(60.9008, 0.3509, 0.3529)
contains.

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Color

Yxy(60.8941, 0.3504, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	E3C8B3
RGB	227, 200, 179
RGB Percent	89%, 78%, 70%
CMY	0.1097, 0.2157, 0.2979
CMYK	0.00, 0.12, 0.21, 0.11
HSL	26°, 46%, 80%
HSV	26°, 21%, 89%
XYZ	60.4799, 60.8941, 51.2284
YIQ	205.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

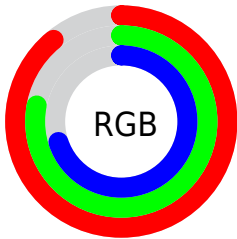
Format	Color
R _Y B	227, 216, 179
Decimal	14928051
CIE Lab	82.32, 6.26, 13.97
CIE LCh	82, 15.304, 65.866
Yxy	60.8941, 0.3504, 0.3528
Android (android.graphics.Color)	4293118131 (0xFFE3C8B3)
YUV	205.6790, -13.1527, 18.6985
Hunter-Lab	78.0347, 1.7836, 15.7014

Details

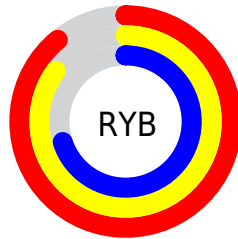
The Yxy color $60.8941, 0.3504, 0.3528$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $59.3130, 0.2796, 0.3039$, and the grayscale version is $61.5850, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $30.7221, 0.3603, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $54.3740, 0.3725, 0.3648$, and if you desaturate by 10%, it is $68.0666, 0.3311, 0.3412$.

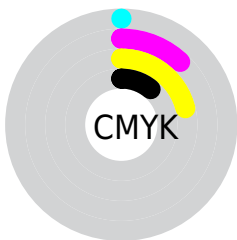
Distribution



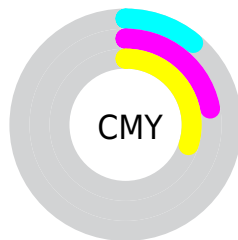
- Red (89%)
- Green (78%)
- Blue (70%)



- Red (89%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8941, 0.3504, 0.3528 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 60.8941, 0.3504, 0.3528 by changing the saturation by 10% instead.


 60.8941, 0.3504,
0.3528

 60.8941, 0.3504,
0.3528


427.8856, 0.3323,
0.3417

 44.1397, 0.3547,
0.3554


 106.1256, 0.3440,
0.3489

 30.7804, 0.3601,
0.3585


135.3715, 0.3415,
0.3474

 20.4317, 0.3671,
0.3626


169.5500, 0.3394,
0.3461

 12.7092, 0.3764,
0.3679

209.0455, 0.3376,
0.3450

 7.2286, 0.3895,
0.3750

254.2424, 0.3360,
0.3440

 3.6055, 0.4092,
0.3851

305.5252, 0.3346,

 1.4554, 0.4500,

0.3431

0.4075

363.2781, 0.3334,
0.3424

0.2570, 0.6070,
0.3930

0.0000, 0.0000,
0.0000

60.8941, 0.3504,
0.3528

60.8941, 0.3504,
0.3528

54.3740, 0.3725,
0.3648

68.0666, 0.3311,
0.3412

48.4785, 0.3976,
0.3766

75.9018, 0.3145,
0.3302

43.1899, 0.4254,
0.3875

84.4201, 0.3001,
0.3200

38.4863, 0.4553,
0.3966

92.6453, 0.2958,
0.3251

■ 34.3441, 0.4859,
0.4025

■ 95.0766, 0.2958,
0.3290

■ 30.7380, 0.5155,
0.4039

■ 27.6392, 0.5418,
0.3999

■ 25.2860, 0.5613,
0.3925

Harmonies

Analogous

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



60.8941, 0.3500, 0.3377



60.8941, 0.3504, 0.3528



60.8941, 0.3404, 0.3622

Triad

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



60.8941, 0.3504, 0.3528



60.8941, 0.2867, 0.3366



60.8941, 0.3014, 0.2978

Complementary

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



60.8941, 0.3504, 0.3528



59.3130, 0.2796, 0.3039

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.



60.8941, 0.2851, 0.2967



60.8941, 0.3504, 0.3528



60.8941, 0.2769, 0.3184

Square

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



60.8941, 0.3504, 0.3528



60.8941, 0.3035, 0.3531



60.8941, 0.2763, 0.3040



60.8941, 0.3212, 0.3066

Rectangle

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



60.8941, 0.3504, 0.3528



60.8941, 0.3295, 0.3635



60.8941, 0.2763, 0.3040



60.8941, 0.2954, 0.2965

Sweetspot

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



60.8969, 0.3504, 0.3528



93.6769, 0.3223, 0.3355



53.0559, 0.3319, 0.2985



19.9075, 0.3234, 0.3362



0.0000, 0.0000, 0.0000



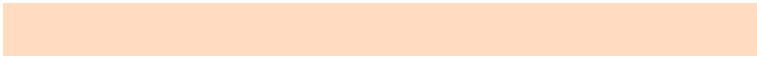
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8969, 0.3504, 0.3528



75.7408, 0.3589, 0.3576



72.8151, 0.3452, 0.3783



15.3982, 0.3282, 0.3393



14.9648, 0.5588, 0.3945



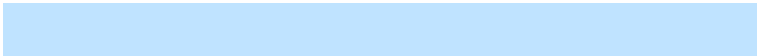
1.2880, 0.5335, 0.4146

Inverse Universe

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



59.3130, 0.2796, 0.3039



73.3564, 0.2731, 0.2986



48.6850, 0.2775, 0.2744



15.2276, 0.2981, 0.3185



12.4561, 0.1833, 0.1798



1.1046, 0.1899, 0.2036

Previews

White Background



This preview shows how the Yxy color 60.8941, 0.3504, 0.3528 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 60.8941, 0.3504, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

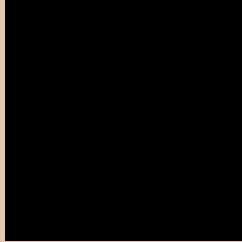
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8941, 0.3504, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 60.8941, 0.3504, 0.3528.



This preview shows how white text looks on a background with the Yxy color 60.8941, 0.3504, 0.3528.

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

60.8941, 0.3504, 0.3528

Protanopia

60.8181, 0.3374, 0.3559

Deuteranopia

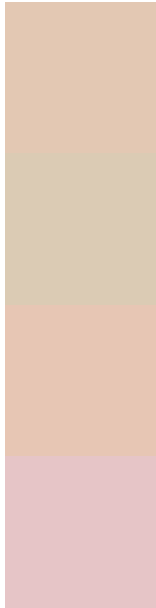
60.7202, 0.3561, 0.3480



Tritanopia

60.7223, 0.3295, 0.3115

Trichromacy



Original Color

60.8941, 0.3504, 0.3528

Protanomaly

61.0672, 0.3424, 0.3556

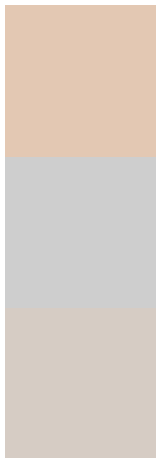
Deuteranomaly

60.6724, 0.3534, 0.3493

Tritanomaly

60.8790, 0.3378, 0.3269

Monochromacy



Original Color

60.8941, 0.3504, 0.3528

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4674, 0.3263, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8941, 0.3504, 0.3528 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, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 179)  
}
```

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, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.8941, 0.3504, 0.3528 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, 200, 179) }
```

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

```
.border{ border-color:rgb(227, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 200, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 200, 179); box-shadow:4px 4px 4px 4px rgb(227, 200, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8941, 0.3504, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 179) }
```

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

```
.background{ background-color: rgb(227,  
200, 179) }
```

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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