

Converting Colors

$Yxy(59.4167, 0.3538, 0.3477)$

Have a look what the booklet for
Yxy(59.4167, 0.3538, 0.3477)
contains.

| | |
|---|----|
| Yxy(59.5575, 0.3538, 0.3482) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(59.5575, 0.3538, 0.3482)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6C4B3 |
| RGB | 230, 196, 179 |
| RGB Percent | 90%, 77%, 70% |
| CMY | 0.0980, 0.2314, 0.2979 |
| CMYK | 0.00, 0.15, 0.22, 0.10 |
| HSL | 20°, 50%, 80% |
| HSV | 20°, 22%, 90% |
| XYZ | 60.5153, 59.5575, 50.9711 |
| YIQ | 204.2280, 25.7210, 1.9210 |

Conversions

Conversions Part 2

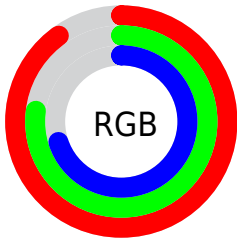
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 230, 205, 179 |
| Decimal | 15123635 |
| CIE Lab | 81.60, 9.47, 12.98 |
| CIE LCh | 82, 16.063, 53.895 |
| Yxy | 59.5575, 0.3538, 0.3482 |
| Android (android.graphics.Color) | 4293313715 (0xFFE6C4B3) |
| YUV | 204.2280, -12.4374, 22.6020 |
| Hunter-Lab | 77.1735, 4.9165, 14.8620 |

Details

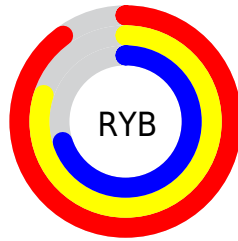
The Yxy color **59.5575, 0.3538, 0.3482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9146, 0.2784, 0.3090**, and the grayscale version is **60.6067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5087, 0.3246, 0.3464**, and **29.8510, 0.3651, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **52.1325, 0.3777, 0.3574**, and if you desaturate by 10%, it is **67.8514, 0.3334, 0.3392**.

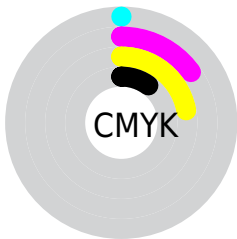
Distribution



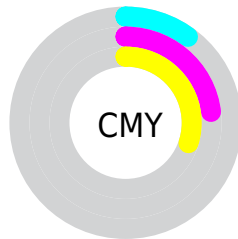
- Red (90%)
- Green (77%)
- Blue (70%)



- Red (90%)
- Yellow (80%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5575, 0.3538, 0.3482 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 59.5575, 0.3538, 0.3482 by changing the saturation by 10% instead.


 59.5575, 0.3538,
0.3482

 59.5575, 0.3538,
0.3482


422.9648, 0.3340,
0.3393

 43.0621, 0.3585,
0.3502


 104.1875, 0.3467,
0.3451

 29.9338, 0.3645,
0.3527


133.0909, 0.3441,
0.3439

 19.7884, 0.3723,
0.3558


166.8990, 0.3418,
0.3429

 12.2413, 0.3827,
0.3599

205.9962, 0.3398,
0.3420

 6.9082, 0.3975,
0.3653

250.7671, 0.3380,
0.3412

 3.4048, 0.4199,
0.3726

301.5958, 0.3365,

 1.3465, 0.4671,

0.3405

358.8670, 0.3352,
0.3399

0.3906

0.1768, 0.6930,
0.3070

0.0000, 0.0000,
0.0000

59.5575, 0.3538,
0.3482

59.5575, 0.3538,
0.3482

52.1325, 0.3777,
0.3574

67.8514, 0.3334,
0.3392

45.5395, 0.4055,
0.3665

77.0335, 0.3161,
0.3308

39.7505, 0.4369,
0.3747

87.1327, 0.3015,
0.3229

34.7329, 0.4713,
0.3810

95.5652, 0.2976,
0.3290

■ 30.4518, 0.5071,
0.3842

■ 26.8690, 0.5415,
0.3831

■ 23.9420, 0.5713,
0.3770

■ 22.0690, 0.5903,
0.3695

Harmonies

Analogous

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



59.5575, 0.3488, 0.3310



59.5575, 0.3538, 0.3482



59.5575, 0.3474, 0.3611

Triad

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



59.5575, 0.3538, 0.3482



59.5575, 0.2916, 0.3446



59.5575, 0.2932, 0.2946

Complementary

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



59.5575, 0.3538, 0.3482



62.9146, 0.2784, 0.3090

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.



59.5575, 0.2788, 0.2969



59.5575, 0.3538, 0.3482



59.5575, 0.2779, 0.3253

Square

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



59.5575, 0.3538, 0.3482



59.5575, 0.3112, 0.3597



59.5575, 0.2733, 0.3078



59.5575, 0.3132, 0.3008

Rectangle

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



59.5575, 0.3538, 0.3482



59.5575, 0.3377, 0.3652



59.5575, 0.2733, 0.3078



59.5575, 0.2875, 0.2944

Sweetspot

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



59.5602, 0.3538, 0.3482



91.5382, 0.3242, 0.3348



53.9272, 0.3281, 0.2906



19.4425, 0.3252, 0.3353



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.



59.5602, 0.3538, 0.3482



70.4425, 0.3653, 0.3528



71.6184, 0.3481, 0.3747



15.1476, 0.3284, 0.3369



12.6934, 0.5875, 0.3717



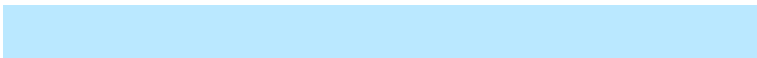
1.1038, 0.5591, 0.3943

Inverse Universe

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



62.9146, 0.2784, 0.3090



75.4411, 0.2707, 0.3038



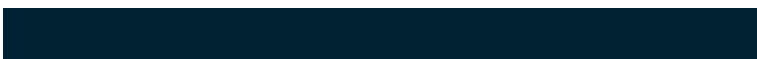
51.4306, 0.2761, 0.2788



15.4858, 0.2981, 0.3210



16.4521, 0.1935, 0.2167



1.3847, 0.1986, 0.2350

Previews

White Background



This preview shows how the Yxy color 59.5575, 0.3538, 0.3482 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 59.5575, 0.3538, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

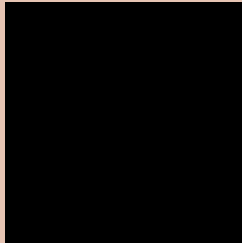
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5575, 0.3538, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 59.5575, 0.3538, 0.3482.



This preview shows how white text looks on a background with the Yxy color 59.5575, 0.3538, 0.3482.

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

59.5575, 0.3538, 0.3482

Protanopia

59.4673, 0.3346, 0.3526

Deuteranopia

59.7235, 0.3547, 0.3482



Tritanopia

59.5279, 0.3346, 0.3126

Trichromacy



Original Color

59.5575, 0.3538, 0.3482

Protanomaly

59.5502, 0.3414, 0.3511

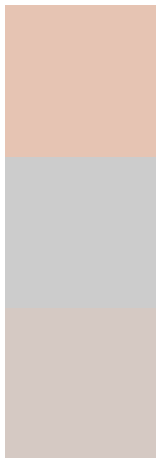
Deuteranomaly

59.7235, 0.3547, 0.3482

Tritanomaly

59.3270, 0.3416, 0.3247

Monochromacy



Original Color

59.5575, 0.3538, 0.3482

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8596, 0.3266, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5575, 0.3538, 0.3482 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(230, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 196, 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(230, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 196, 179) }
```

Border

The CSS property to change the border of an element to Yxy 59.5575, 0.3538, 0.3482 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(230, 196, 179) }
```

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

```
.border{ border-color:rgb(230, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 196, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 196, 179); box-shadow:4px 4px 4px 4px rgb(230, 196, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5575, 0.3538, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 196, 179) }
```

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

```
.background{ background-color: rgb(230,  
196, 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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