

Converting Colors

$Y_{xy}(59.2691, 0.3513, 0.3472)$

Have a look what the booklet for
Yxy(59.2691, 0.3513, 0.3472)
contains.

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Color

Yxy(59.2691, 0.3513, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	E4C4B4
RGB	228, 196, 180
RGB Percent	89%, 77%, 71%
CMY	0.1060, 0.2313, 0.2940
CMYK	0.00, 0.14, 0.21, 0.11
HSL	20°, 47%, 80%
HSV	20°, 21%, 89%
XYZ	59.9690, 59.2691, 51.4678
YIQ	203.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

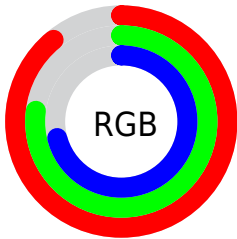
Format	Color
R _Y B	228, 204, 180
Decimal	14992564
CIE Lab	81.44, 8.85, 12.20
CIE LCh	81, 15.073, 54.058
Yxy	59.2691, 0.3513, 0.3472
Android (android.graphics.Color)	4293182644 (0xFFE4C4B4)
YUV	203.7440, -11.7058, 21.2725
Hunter-Lab	76.9864, 4.3173, 14.2533

Details

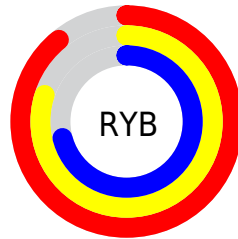
The Yxy color $59.2691, 0.3513, 0.3472$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $62.3840, 0.2801, 0.3101$, and the grayscale version is $60.2781, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5667, 0.3240, 0.3454$, and $29.6490, 0.3618, 0.3515$ is the 20% darker color. If you saturate the color by 10%, you get $51.9059, 0.3748, 0.3564$, and if you desaturate by 10%, it is $67.4848, 0.3313, 0.3383$.

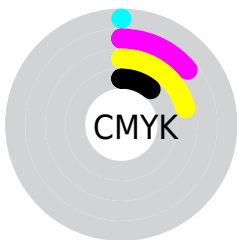
Distribution



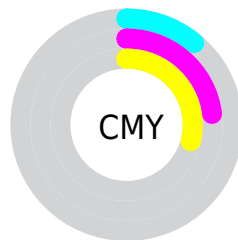
- Red (89%)
- Green (77%)
- Blue (71%)



- Red (89%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2691, 0.3513, 0.3472 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 59.2691, 0.3513, 0.3472 by changing the saturation by 10% instead.


 59.2691, 0.3513,
0.3472

 59.2691, 0.3513,
0.3472


421.8984, 0.3327,
0.3387

 42.8298, 0.3558,
0.3491


 103.7687, 0.3447,
0.3443

 29.7516, 0.3614,
0.3515


132.5977, 0.3421,
0.3431

 19.6501, 0.3687,
0.3545


166.3255, 0.3400,
0.3421

 12.1410, 0.3785,
0.3584

205.3363, 0.3381,
0.3413

 6.8398, 0.3925,
0.3637

250.0146, 0.3365,
0.3405

 3.3621, 0.4137,
0.3709

300.7448, 0.3351,

 1.3236, 0.4579,

0.3399

0.3880

357.9113, 0.3338,
0.3393

0.1593, 0.6975,
0.3025

0.0000, 0.0000,
0.0000

59.2691, 0.3513,
0.3472

59.2691, 0.3513,
0.3472

51.9059, 0.3748,
0.3564

67.4848, 0.3313,
0.3383

45.3590, 0.4021,
0.3656

76.5715, 0.3143,
0.3298

39.6015, 0.4331,
0.3739

86.5574, 0.3000,
0.3220

34.6020, 0.4672,
0.3805

95.2304, 0.2964,
0.3290

■ 30.3264, 0.5028,
0.3842

■ 26.7380, 0.5375,
0.3836

■ 23.7958, 0.5680,
0.3781

■ 21.6636, 0.5900,
0.3697

Harmonies

Analogous

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



59.2691, 0.3466, 0.3311



59.2691, 0.3513, 0.3472



59.2691, 0.3453, 0.3592

Triad

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



59.2691, 0.3513, 0.3472



59.2691, 0.2928, 0.3435



59.2691, 0.2944, 0.2966

Complementary

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



59.2691, 0.3513, 0.3472



62.3840, 0.2801, 0.3101

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.



59.2691, 0.2808, 0.2988



59.2691, 0.3513, 0.3472



59.2691, 0.2799, 0.3254

Square

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



59.2691, 0.3513, 0.3472



59.2691, 0.3112, 0.3577



59.2691, 0.2756, 0.3091



59.2691, 0.3133, 0.3025

Rectangle

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



59.2691, 0.3513, 0.3472



59.2691, 0.3361, 0.3631



59.2691, 0.2756, 0.3091



59.2691, 0.2891, 0.2964

Sweetspot

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



59.2718, 0.3513, 0.3472



92.7189, 0.3224, 0.3340



53.8929, 0.3279, 0.2935



19.6814, 0.3236, 0.3345



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.



59.2718, 0.3513, 0.3472



72.3754, 0.3605, 0.3510



70.9646, 0.3460, 0.3731



15.1494, 0.3284, 0.3369



12.7070, 0.5873, 0.3719



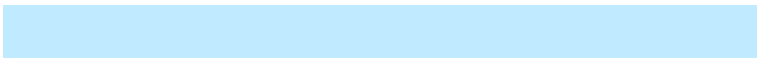
1.1050, 0.5589, 0.3944

Inverse Universe

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



62.3840, 0.2801, 0.3101



77.0260, 0.2738, 0.3059



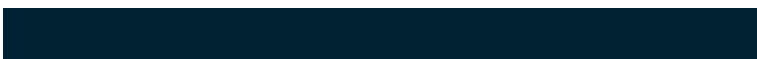
51.2766, 0.2781, 0.2807



15.4840, 0.2981, 0.3210



16.4209, 0.1935, 0.2164



1.3826, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 59.2691, 0.3513, 0.3472 looks on a white background.

Color Contrast Check

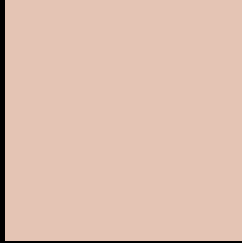
Large Text (above 18pt) WCAG AA × Fail

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 59.2691, 0.3513, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

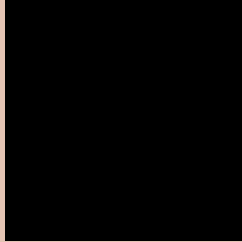
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2691, 0.3513, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 59.2691, 0.3513, 0.3472.



This preview shows how white text looks on a background with the Yxy color 59.2691, 0.3513, 0.3472.

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

59.2691, 0.3513, 0.3472

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

59.1485, 0.3532, 0.3460



Tritanopia

59.1932, 0.3330, 0.3125

Trichromacy



Original Color

59.2691, 0.3513, 0.3472

Protanomaly

59.4377, 0.3398, 0.3500

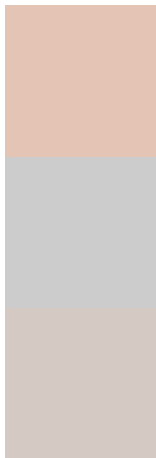
Deuteranomaly

58.9835, 0.3524, 0.3460

Tritanomaly

58.9941, 0.3400, 0.3246

Monochromacy



Original Color

59.2691, 0.3513, 0.3472

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 59.2691, 0.3513, 0.3472 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(228, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 180)  
}
```

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(228, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 180) }
```

Border

The CSS property to change the border of an element to Yxy 59.2691, 0.3513, 0.3472 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(228, 196, 180) }
```

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

```
.border{ border-color:rgb(228, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 196, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 196, 180); box-shadow:4px 4px 4px 4px rgb(228, 196, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2691, 0.3513, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 180) }
```

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

```
.background{ background-color: rgb(228,  
196, 180) }
```

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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