

Converting Colors

Yxy(58.9264, 0.3412, 0.3414)

Have a look what the booklet for
Yxy(58.9264, 0.3412, 0.3414)
contains.

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Color

Yxy(59.0073, 0.3414, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5BA
RGB	222, 197, 186
RGB Percent	87%, 77%, 73%
CMY	0.1293, 0.2274, 0.2707
CMYK	0.00, 0.11, 0.16, 0.13
HSL	18°, 35%, 80%
HSV	18°, 16%, 87%
XYZ	58.9555, 59.0073, 54.7247
YIQ	203.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

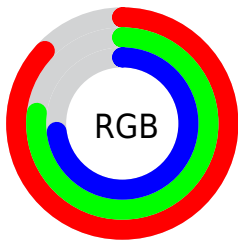
Format	Color
R _Y B	222, 202, 186
Decimal	14599610
CIE Lab	81.30, 7.04, 8.74
CIE LCh	81, 11.218, 51.149
Yxy	59.0073, 0.3414, 0.3417
Android (android.graphics.Color)	4292789690 (0xFFDEC5BA)
YUV	203.2210, -8.4900, 16.4692
Hunter-Lab	76.8162, 2.5682, 11.5325

Details

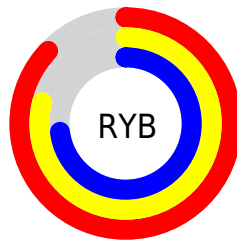
The Yxy color **59.0073, 0.3414, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2983, 0.2877, 0.3159**, and the grayscale version is **59.9146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5544, 0.3203, 0.3405**, and **29.5539, 0.3493, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **51.4928, 0.3634, 0.3501**, and if you desaturate by 10%, it is **67.3893, 0.3228, 0.3337**.

Distribution



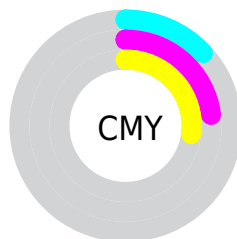
- Red (87%)
- Green (77%)
- Blue (73%)



- Red (87%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0073, 0.3414, 0.3417 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 59.0073, 0.3414, 0.3417 by changing the saturation by 10% instead.

 59.0073, 0.3414,
0.3417

 59.0073, 0.3414,
0.3417


420.9290, 0.3275,
0.3358

 42.6190, 0.3447,
0.3431


 103.3883, 0.3365,
0.3396

 29.5863, 0.3489,
0.3448


132.1497, 0.3346,
0.3388

 19.5248, 0.3544,
0.3469


165.8044, 0.3330,
0.3381

 12.0501, 0.3617,
0.3498

204.7366, 0.3316,
0.3375

 6.7778, 0.3722,
0.3537

249.3307, 0.3304,
0.3370

 3.3235, 0.3883,
0.3593

299.9713, 0.3293,

 1.3029, 0.4179,

0.3365

357.0425, 0.3284,
0.3361

0.3693

0.1434, 0.6824,
0.3176

0.0000, 0.0000,
0.0000

59.0073, 0.3414,
0.3417

59.0073, 0.3414,
0.3417

51.4928, 0.3634,
0.3501

67.3893, 0.3228,
0.3337

44.8099, 0.3893,
0.3586

76.6578, 0.3071,
0.3263

38.9314, 0.4192,
0.3666

86.8410, 0.2939,
0.3194

33.8257, 0.4529,
0.3735

94.2724, 0.2929,
0.3289

■ 29.4591, 0.4892,
0.3782

■ 25.7951, 0.5260,
0.3793

■ 22.7936, 0.5601,
0.3760

■ 20.4093, 0.5877,
0.3679

■ 19.6546, 0.5968,
0.3644

Harmonies

Analogous

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



59.0073, 0.3372, 0.3295



59.0073, 0.3414, 0.3417



59.0073, 0.3377, 0.3510

Triad

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



59.0073, 0.3414, 0.3417



59.0073, 0.2991, 0.3410



59.0073, 0.2979, 0.3045

Complementary

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



59.0073, 0.3414, 0.3417



62.2983, 0.2877, 0.3159

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.



59.0073, 0.2881, 0.3069



59.0073, 0.3414, 0.3417



59.0073, 0.2888, 0.3278

Square

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



59.0073, 0.3414, 0.3417



59.0073, 0.3131, 0.3509



59.0073, 0.2849, 0.3153



59.0073, 0.3118, 0.3084

Rectangle

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



59.0073, 0.3414, 0.3417



59.0073, 0.3314, 0.3541



59.0073, 0.2849, 0.3153



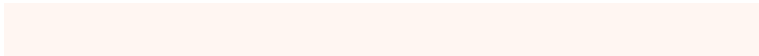
59.0073, 0.2940, 0.3046

Sweetspot

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



59.0099, 0.3414, 0.3417



93.6883, 0.3208, 0.3328



55.3553, 0.3230, 0.3006



19.8686, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



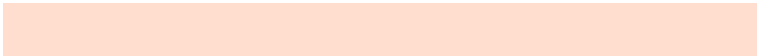
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0099, 0.3414, 0.3417



77.6502, 0.3474, 0.3441



67.5811, 0.3382, 0.3614



14.3807, 0.3284, 0.3362



11.8450, 0.5941, 0.3665



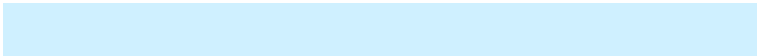
0.9759, 0.5637, 0.3906

Inverse Universe

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



62.2983, 0.2877, 0.3159



82.8484, 0.2832, 0.3134



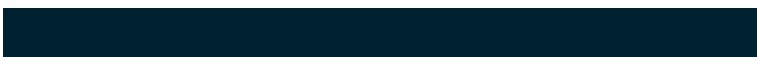
53.9344, 0.2867, 0.2943



14.8278, 0.2982, 0.3217



17.0859, 0.1962, 0.2264



1.3403, 0.2012, 0.2441

Previews

White Background



This preview shows how the Yxy color 59.0073, 0.3414, 0.3417 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 59.0073, 0.3414, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

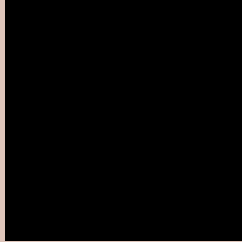
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0073, 0.3414, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 59.0073, 0.3414, 0.3417.



This preview shows how white text looks on a background with the Yxy color 59.0073, 0.3414, 0.3417.

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

59.0073, 0.3414, 0.3417

Protanopia

58.9594, 0.3286, 0.3444

Deuteranopia

58.9063, 0.3459, 0.3393



Tritanopia

59.1946, 0.3263, 0.3123

Trichromacy



Original Color

59.0073, 0.3414, 0.3417

Protanomaly

59.1926, 0.3335, 0.3442

Deuteranomaly

59.0326, 0.3440, 0.3405

Tritanomaly

59.0946, 0.3316, 0.3223

Monochromacy



Original Color

59.0073, 0.3414, 0.3417

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5061, 0.3227, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0073, 0.3414, 0.3417 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(222, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 186)  
}
```

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(222, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.0073, 0.3414, 0.3417 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(222, 197, 186) }
```

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

```
.border{ border-color:rgb(222, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0073, 0.3414, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 186) }
```

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

```
.background{ background-color: rgb(222,  
197, 186) }
```

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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