

Converting Colors

$Yxy(59.1219, 0.3626, 0.4048)$

Have a look what the booklet for
Yxy(59.1219, 0.3626, 0.4048)
contains.

Yxy(59.1410, 0.3628, 0.4054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.1410, 0.3628, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	D1CD8D
RGB	209, 205, 141
RGB Percent	82%, 80%, 55%
CMY	0.1805, 0.1960, 0.4471
CMYK	0.00, 0.02, 0.33, 0.18
HSL	57°, 42%, 69%
HSV	57°, 33%, 82%
XYZ	52.9264, 59.1410, 33.8157
YIQ	198.9000, 22.9280, -19.0560

Conversions

Conversions Part 2

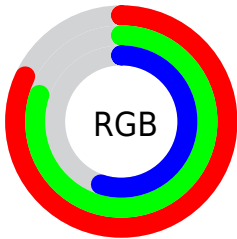
Format	Color
R _{YB}	145, 209, 141
Decimal	13749645
CIE _{Lab}	81.37, -8.34, 32.44
CIE _{LCh}	81, 33.492, 104.421
Yxy	59.1410, 0.3628, 0.4054
Android (android.graphics.Color)	4291939725 (0xFFD1CD8D)
YUV	198.9000, -28.5447, 8.8577
Hunter-Lab	76.9032, -11.7331, 27.7614

Details

The Yxy color **59.1410, 0.3628, 0.4054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.4941, 0.2556, 0.2390**, and the grayscale version is **57.2144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **29.7414, 0.3748, 0.4248** is the 20% darker color. If you saturate the color by 10%, you get **57.9995, 0.3780, 0.4280**, and if you desaturate by 10%, it is **60.4097, 0.3471, 0.3818**.

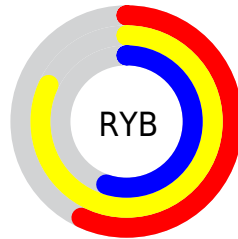
Distribution



Red (82%)

Green (80%)

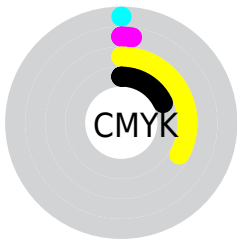
Blue (55%)



Red (57%)

Yellow (82%)

Blue (55%)

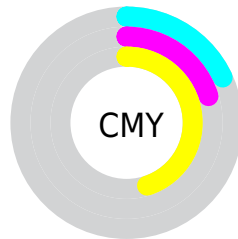


Cyan (0%)

Magenta (2%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (20%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1410, 0.3628, 0.4054 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 59.1410, 0.3628, 0.4054 by changing the saturation by 10% instead.

 59.1410, 0.3628,
0.4054


 59.1410, 0.3628,
0.4054


421.4242, 0.3395,
0.3685

 42.7266, 0.3680,
0.4141

 103.5826, 0.3548,
0.3923

 29.6707, 0.3744,
0.4250


 132.3786, 0.3516,
0.3873

 19.5888, 0.3822,
0.4389


 166.0705, 0.3489,
0.3830

 12.0965, 0.3919,
0.4570

205.0429, 0.3465,
0.3793

 6.8094, 0.4038,
0.4814

249.6801, 0.3444,
0.3761

 3.3432, 0.4259,
0.5256

300.3664, 0.3426,

 1.3134, 0.4327,

0.3732

0.5673

357.4863, 0.3409,
0.3707

■ 0.1516, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1410, 0.3628,
0.4054

■ 59.1410, 0.3628,
0.4054

■ 57.9995, 0.3780,
0.4280

■ 60.4097, 0.3471,
0.3818

■ 56.9706, 0.3922,
0.4486

■ 61.8038, 0.3315,
0.3580

■ 56.0496, 0.4047,
0.4663

■ 63.3316, 0.3164,
0.3348

■ 55.2285, 0.4149,
0.4802

■ 64.9983, 0.3021,
0.3125

■ 54.4978, 0.4226,
0.4898

■ 66.8092, 0.2887,
0.2916

■ 53.8464, 0.4276,
0.4950

■ 68.0153, 0.2830,
0.2832

■ 53.3972, 0.4299,
0.4968

■ 68.6269, 0.2831,
0.2846

■ 69.2432, 0.2832,
0.2859

■ 69.8640, 0.2832,
0.2873

Harmonies

Analogous

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



59.1410, 0.3915, 0.3866



59.1410, 0.3628, 0.4054



59.1410, 0.3217, 0.4022

Triad

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



59.1410, 0.3628, 0.4054



59.1410, 0.2338, 0.2934



59.1410, 0.3430, 0.2890

Complementary

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



59.1410, 0.3628, 0.4054



30.4941, 0.2556, 0.2390

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.



59.1410, 0.2989, 0.2672



59.1410, 0.3628, 0.4054



59.1410, 0.2384, 0.2677

Square

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



59.1410, 0.3628, 0.4054



59.1410, 0.2484, 0.3327



59.1410, 0.2613, 0.2592



59.1410, 0.3805, 0.3202

Rectangle

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



59.1410, 0.3628, 0.4054



59.1410, 0.2932, 0.3860



59.1410, 0.2613, 0.2592



59.1410, 0.3283, 0.2804

Sweetspot

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



59.1437, 0.3628, 0.4054



97.5217, 0.3278, 0.3523



34.6547, 0.3823, 0.3235



20.8029, 0.3300, 0.3557



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.



59.1437, 0.3628, 0.4054



91.5271, 0.3734, 0.4212



57.1545, 0.3374, 0.4164



13.6748, 0.3267, 0.3507



32.9836, 0.4298, 0.4970



1.8809, 0.4277, 0.4986

Inverse Universe

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



30.4941, 0.2556, 0.2390



39.8514, 0.2414, 0.2162



32.2408, 0.2803, 0.2397



11.5265, 0.2982, 0.3064



3.0510, 0.1511, 0.0640



0.2103, 0.1547, 0.0770

Previews

White Background



This preview shows how the Yxy color 59.1410, 0.3628, 0.4054 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 59.1410, 0.3628, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

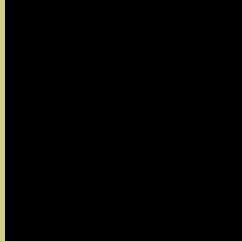
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

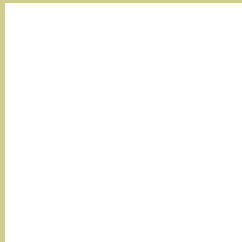
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1410, 0.3628, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 59.1410, 0.3628, 0.4054.



This preview shows how white text looks on a background with the Yxy color 59.1410, 0.3628, 0.4054.

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

59.1410, 0.3628, 0.4054

Protanopia

59.0399, 0.3722, 0.4013

Deuteranopia

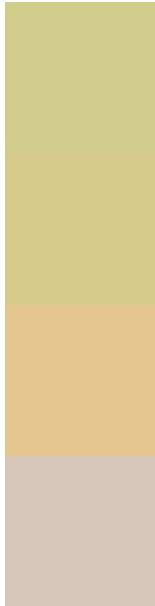
59.0920, 0.3921, 0.3850



Tritanopia

58.9347, 0.3183, 0.3120

Trichromacy



Original Color

59.1410, 0.3628, 0.4054

Protanomaly

59.0524, 0.3693, 0.4030

Deuteranomaly

58.9992, 0.3817, 0.3924

Tritanomaly

58.6882, 0.3344, 0.3442

Monochromacy



Original Color

59.1410, 0.3628, 0.4054

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6842, 0.3312, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1410, 0.3628, 0.4054 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(209, 205, 141)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 141)  
}
```

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(209, 205, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 141) }
```

Border

The CSS property to change the border of an element to Yxy 59.1410, 0.3628, 0.4054 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(209, 205, 141) }
```

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

```
.border{ border-color:rgb(209, 205, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 205, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 205, 141); box-shadow:4px 4px 4px 4px rgb(209, 205, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1410, 0.3628, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 141) }
```

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

```
.background{ background-color: rgb(209,  
205, 141) }
```

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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