

Converting Colors

$Yxy(60.2116, 0.3599, 0.4073)$

Have a look what the booklet for
Yxy(60.2116, 0.3599, 0.4073)
contains.

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Color

Yxy(60.3301, 0.3594, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	CFD08E
RGB	207, 208, 142
RGB Percent	81%, 82%, 56%
CMY	0.1883, 0.1843, 0.4431
CMYK	0.00, 0.00, 0.32, 0.18
HSL	61°, 41%, 69%
HSV	61°, 32%, 82%
XYZ	53.1698, 60.3301, 34.4405
YIQ	200.1770, 20.5900, -20.7380

Conversions

Conversions Part 2

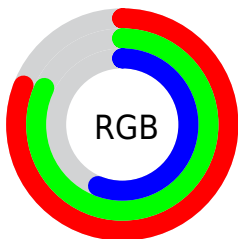
Format	Color
RYB	142, 208, 143
Decimal	13619342
CIELab	82.02, -10.51, 32.73
CIELCh	82, 34.370, 107.798
Yxy	60.3301, 0.3594, 0.4078
Android (android.graphics.Color)	4291809422 (0xFFCFD08E)
YUV	200.1770, -28.6813, 5.9838
Hunter-Lab	77.6725, -13.7367, 28.0811

Details

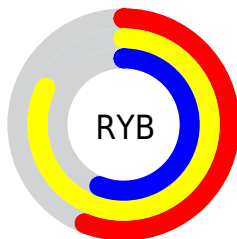
The Yxy color **60.3301, 0.3594, 0.4078** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7489, 0.2574, 0.2364**, and the grayscale version is **58.0458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **30.5419, 0.3700, 0.4281** is the 20% darker color. If you saturate the color by 10%, you get **59.7191, 0.3734, 0.4317**, and if you desaturate by 10%, it is **61.0633, 0.3447, 0.3829**.

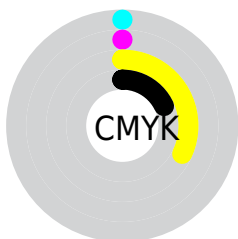
Distribution



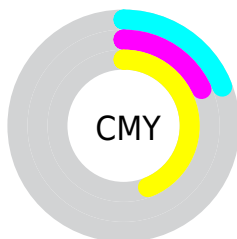
- Red (81%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)





- Cyan (19%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3301, 0.3594, 0.4078 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 60.3301, 0.3594, 0.4078 by changing the saturation by 10% instead.


 60.3301, 0.3594,
0.4078


 60.3301, 0.3594,
0.4078


425.8134, 0.3379,
0.3697

 43.6848, 0.3642,
0.4168


 105.3084, 0.3520,
0.3943

 30.4228, 0.3699,
0.4281


 134.4101, 0.3491,
0.3891

 20.1597, 0.3770,
0.4425


168.4327, 0.3466,
0.3847

 12.5112, 0.3856,
0.4614

207.7607, 0.3444,
0.3809

 7.0928, 0.3958,
0.4869

252.7783, 0.3425,
0.3775

 3.5202, 0.4137,
0.5310

303.8701, 0.3408,

 1.4090, 0.4197,

0.3746

0.5803

361.4203, 0.3392,
0.3720

■ 0.2233, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3301, 0.3594,
0.4078

■ 60.3301, 0.3594,
0.4078

■ 59.7191, 0.3734,
0.4317

■ 61.0633, 0.3447,
0.3829

■ 59.2155, 0.3862,
0.4535

■ 61.9164, 0.3298,
0.3577

■ 58.8150, 0.3971,
0.4723

■ 62.8978, 0.3152,
0.3331

■ 58.5096, 0.4057,
0.4873

■ 64.0127, 0.3012,
0.3096

■ 58.2901, 0.4118,
0.4981

■ 65.2660, 0.2880,
0.2875

■ 58.1456, 0.4153,
0.5045

■ 65.8774, 0.2827,
0.2785

■ 58.0668, 0.4166,
0.5074

■ 65.9241, 0.2829,
0.2785

■ 65.9708, 0.2831,
0.2786

■ 66.0177, 0.2834,
0.2786

Harmonies

Analogous

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



60.3301, 0.3907, 0.3906



60.3301, 0.3594, 0.4078



60.3301, 0.3168, 0.4017

Triad

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



60.3301, 0.3594, 0.4078



60.3301, 0.2320, 0.2889



60.3301, 0.3485, 0.2915

Complementary

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



60.3301, 0.3594, 0.4078



29.7489, 0.2574, 0.2364

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.



60.3301, 0.3036, 0.2680



60.3301, 0.3594, 0.4078



60.3301, 0.2388, 0.2647

Square

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



60.3301, 0.3594, 0.4078



60.3301, 0.2446, 0.3278



60.3301, 0.2640, 0.2581



60.3301, 0.3851, 0.3239

Rectangle

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



60.3301, 0.3594, 0.4078



60.3301, 0.2881, 0.3834



60.3301, 0.2640, 0.2581



60.3301, 0.3337, 0.2824

Sweetspot

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



60.3328, 0.3594, 0.4078



98.3908, 0.3274, 0.3537



34.7162, 0.3848, 0.3292



21.0149, 0.3295, 0.3573



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.



60.3328, 0.3594, 0.4078



94.9705, 0.3689, 0.4240



56.1841, 0.3333, 0.4150



13.7880, 0.3264, 0.3520



36.1920, 0.4167, 0.5074



2.0267, 0.4172, 0.5069

Inverse Universe

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



29.7489, 0.2574, 0.2364



39.1393, 0.2434, 0.2131



33.0216, 0.2854, 0.2432



11.4262, 0.2984, 0.3050



2.8551, 0.1505, 0.0603



0.1628, 0.1523, 0.0613

Previews

White Background



This preview shows how the Yxy color 60.3301, 0.3594, 0.4078 looks on a white background.

Color Contrast Check

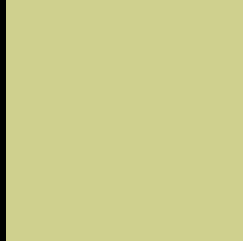
Large Text (above 18pt) WCAG AA × Fail

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 60.3301, 0.3594, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

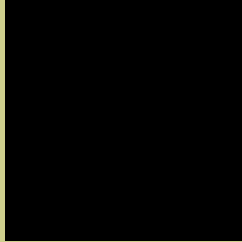
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

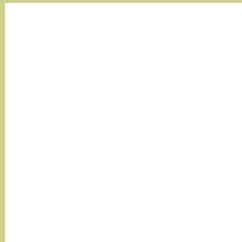
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3301, 0.3594, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 60.3301, 0.3594, 0.4078.



This preview shows how white text looks on a background with the Yxy color 60.3301, 0.3594, 0.4078.

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

60.3301, 0.3594, 0.4078

Protanopia

60.2948, 0.3732, 0.4029

Deuteranopia

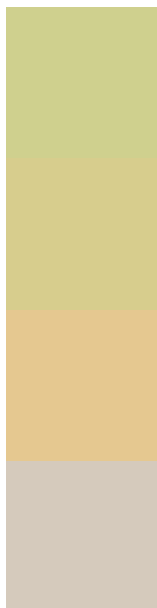
59.9518, 0.3918, 0.3835



Tritanopia

60.3008, 0.3151, 0.3121

Trichromacy



Original Color

60.3301, 0.3594, 0.4078

Protanomaly

60.0328, 0.3679, 0.4040

Deuteranomaly

59.9802, 0.3794, 0.3923

Tritanomaly

60.0180, 0.3317, 0.3454

Monochromacy



Original Color

60.3301, 0.3594, 0.4078

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6631, 0.3302, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3301, 0.3594, 0.4078 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(207, 208, 142)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 142)  
}
```

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(207, 208, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 142) }
```

Border

The CSS property to change the border of an element to Yxy 60.3301, 0.3594, 0.4078 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(207, 208, 142) }
```

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

```
.border{ border-color:rgb(207, 208, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 142);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3301, 0.3594, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 142) }
```

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

```
.background{ background-color: rgb(207,  
208, 142) }
```

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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