

Converting Colors

$Yxy(60.9586, 0.3557, 0.4018)$

Have a look what the booklet for
Yxy(60.9586, 0.3557, 0.4018)
contains.

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Color

Yxy(61.1489, 0.3557, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	D0D194
RGB	208, 209, 148
RGB Percent	82%, 82%, 58%
CMY	0.1842, 0.1804, 0.4197
CMYK	0.00, 0.00, 0.29, 0.18
HSL	61°, 40%, 70%
HSV	61°, 29%, 82%
XYZ	54.1600, 61.1489, 36.9543
YIQ	201.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

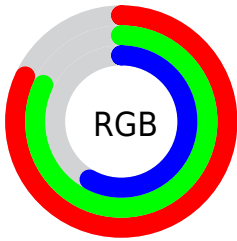
Format	Color
RYB	148, 209, 149
Decimal	13685140
CIELab	82.46, -9.87, 30.25
CIELCh	82, 31.817, 108.065
Yxy	61.1489, 0.3557, 0.4016
Android (android.graphics.Color)	4291875220 (0xFFD0D194)
YUV	201.7470, -26.4973, 5.4839
Hunter-Lab	78.1978, -13.2164, 26.7195

Details

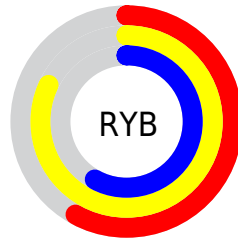
The Yxy color **61.1489, 0.3557, 0.4016** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1614, 0.2625, 0.2448**, and the grayscale version is **59.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **31.0781, 0.3652, 0.4201** is the 20% darker color. If you saturate the color by 10%, you get **60.4997, 0.3700, 0.4258**, and if you desaturate by 10%, it is **61.9232, 0.3409, 0.3765**.

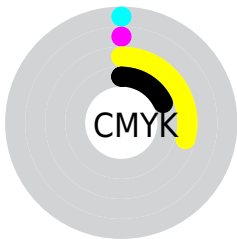
Distribution



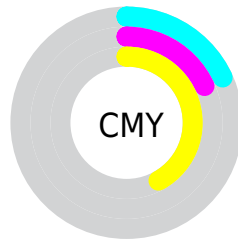
- Red (82%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1489, 0.3557, 0.4016 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 61.1489, 0.3557, 0.4016 by changing the saturation by 10% instead.


 61.1489, 0.3557,
0.4016

 61.1489, 0.3557,
0.4016


428.8197, 0.3358,
0.3665

 44.3453, 0.3601,
0.4099


 106.4945, 0.3489,
0.3892

 30.9421, 0.3655,
0.4203


 135.8053, 0.3462,
0.3844

 20.5548, 0.3722,
0.4336


170.0541, 0.3439,
0.3803

 12.7989, 0.3804,
0.4512

209.6251, 0.3418,
0.3768

 7.2902, 0.3906,
0.4751

254.9027, 0.3401,
0.3737

 3.6443, 0.4048,
0.5120

306.2715, 0.3385,

 1.4766, 0.4250,

0.3710

0.5750

364.1157, 0.3371,
0.3687

0.2722, 0.0616,
0.9384

0.0000, 0.0000,
0.0000

61.1489, 0.3557,
0.4016

61.1489, 0.3557,
0.4016

60.4997, 0.3700,
0.4258

61.9232, 0.3409,
0.3765

59.9610, 0.3831,
0.4483


62.8202, 0.3261,
0.3515


59.5284, 0.3945,
0.4680

63.8484, 0.3116,
0.3271


59.1940, 0.4037,
0.4840


65.0128, 0.2978,
0.3039


 58.9491, 0.4104,
0.4959


 66.3186, 0.2848,
0.2822


 58.7830, 0.4145,
0.5034


 66.5295, 0.2835,
0.2797

 58.6783, 0.4164,
0.5072

 66.5791, 0.2838,
0.2797

 58.6707, 0.4165,
0.5075

 66.6288, 0.2840,
0.2798

 66.6786, 0.2842,
0.2798

Harmonies

Analogous

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



61.1489, 0.3846, 0.3864



61.1489, 0.3557, 0.4016



61.1489, 0.3164, 0.3954

Triad

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



61.1489, 0.3557, 0.4016



61.1489, 0.2378, 0.2919



61.1489, 0.3461, 0.2945

Complementary

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



61.1489, 0.3557, 0.4016



32.1614, 0.2625, 0.2448

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.



61.1489, 0.3048, 0.2725



61.1489, 0.3557, 0.4016



61.1489, 0.2444, 0.2694

Square

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



61.1489, 0.3557, 0.4016



61.1489, 0.2495, 0.3277



61.1489, 0.2680, 0.2632



61.1489, 0.3796, 0.3249

Rectangle

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



61.1489, 0.3557, 0.4016



61.1489, 0.2899, 0.3786



61.1489, 0.2680, 0.2632



61.1489, 0.3326, 0.2860

Sweetspot

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



61.1516, 0.3557, 0.4016



98.5389, 0.3259, 0.3512



36.8650, 0.3770, 0.3292



21.0443, 0.3281, 0.3549



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.



61.1516, 0.3557, 0.4016



95.2519, 0.3646, 0.4168



57.2621, 0.3318, 0.4076



13.7875, 0.3264, 0.3520



36.1783, 0.4165, 0.5075



2.0260, 0.4171, 0.5070

Inverse Universe

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



32.1614, 0.2625, 0.2448



42.6379, 0.2499, 0.2237



35.2985, 0.2880, 0.2506



11.4267, 0.2984, 0.3050



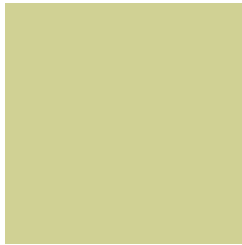
2.8559, 0.1506, 0.0603



0.1630, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 61.1489, 0.3557, 0.4016 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 61.1489, 0.3557, 0.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

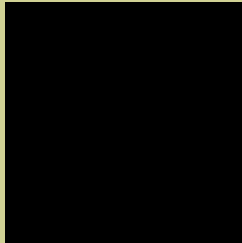
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

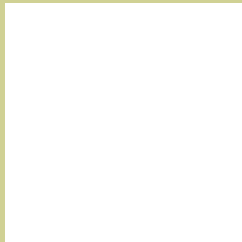
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1489, 0.3557, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 61.1489, 0.3557, 0.4016.



This preview shows how white text looks on a background with the Yxy color 61.1489, 0.3557, 0.4016.

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

61.1489, 0.3557, 0.4016

Protanopia

61.1101, 0.3692, 0.3970

Deuteranopia

61.2216, 0.3870, 0.3790



Tritanopia

60.8654, 0.3136, 0.3110

Trichromacy



Original Color

61.1489, 0.3557, 0.4016

Protanomaly

60.8481, 0.3640, 0.3979

Deuteranomaly

60.7983, 0.3752, 0.3865

Tritanomaly

60.6196, 0.3293, 0.3430

Monochromacy



Original Color

61.1489, 0.3557, 0.4016

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8774, 0.3285, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1489, 0.3557, 0.4016 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(208, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 148)  
}
```

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(208, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.1489, 0.3557, 0.4016 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(208, 209, 148) }
```

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

```
.border{ border-color:rgb(208, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1489, 0.3557, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 148) }
```

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

```
.background{ background-color: rgb(208,  
209, 148) }
```

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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