

Converting Colors

$Yxy(48.3738, 0.3338, 0.4061)$

Have a look what the booklet for
Yxy(48.3738, 0.3338, 0.4061)
contains.

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Color

Yxy(48.2709, 0.3342, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	A8C189
RGB	168, 193, 137
RGB Percent	66%, 76%, 54%
CMY	0.3412, 0.2431, 0.4628
CMYK	0.13, 0.00, 0.29, 0.24
HSL	87°, 31%, 65%
HSV	87°, 29%, 76%
XYZ	39.7343, 48.2709, 30.8886
YIQ	179.1410, 3.0760, -22.7160

Conversions

Conversions Part 2

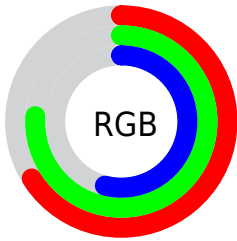
Format	Color
RYB	137, 193, 162
Decimal	11059593
CIELab	75.00, -18.36, 25.47
CIElCh	75, 31.401, 125.780
Yxy	48.2709, 0.3342, 0.4060
Android (android.graphics.Color)	4289249673 (0xFFA8C189)
YUV	179.1410, -20.7755, -9.7707
Hunter-Lab	69.4773, -19.5004, 22.2746

Details

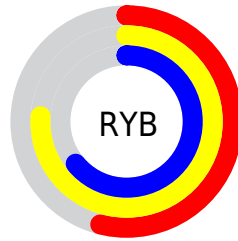
The Yxy color **48.2709, 0.3342, 0.4060** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.4223, 0.2854, 0.2509**, and the grayscale version is **45.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9801, 0.3308, 0.3916**, and **22.7982, 0.3382, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **46.8532, 0.3407, 0.4350**, and if you desaturate by 10%, it is **49.8545, 0.3270, 0.3779**.

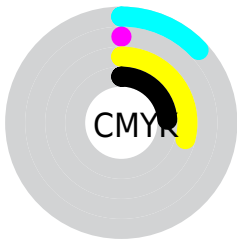
Distribution



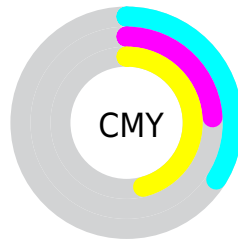
- Red (66%)
- Green (76%)
- Blue (54%)



- Red (54%)
- Yellow (76%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)





- Cyan (34%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2709, 0.3342, 0.4060 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 48.2709, 0.3342, 0.4060 by changing the saturation by 10% instead.


 48.2709, 0.3342,
0.4060


 48.2709, 0.3342,
0.4060


379.8649, 0.3244,
0.3665


 34.0415, 0.3363,
0.4161


 87.6076, 0.3309,
0.3915

 22.9255, 0.3388,
0.4292


 113.4837, 0.3295,
0.3861

 14.5385, 0.3417,
0.4467

 144.0107, 0.3284,
0.3815

 8.4961, 0.3448,
0.4713

179.5732, 0.3274,
0.3776

 4.4140, 0.3474,
0.5079

220.5555, 0.3265,
0.3743

 1.9077, 0.3756,
0.6158

267.3419, 0.3257,

 0.5530, 0.1229,

0.3714

0.8771

320.3169, 0.3250,
0.3688

0.0000, 0.0000,
0.0000

48.2709, 0.3342,
0.4060

48.2709, 0.3342,
0.4060

46.8532, 0.3407,
0.4350

49.8545, 0.3270,
0.3779

45.5887, 0.3462,
0.4639

51.6038, 0.3195,
0.3513

44.4724, 0.3500,
0.4916

53.5266, 0.3120,
0.3267

43.4967, 0.3519,
0.5165

55.6282, 0.3046,
0.3041

42.6529, 0.3516,
0.5373

57.9140, 0.2976,
0.2838

■ 41.9311, 0.3490,
0.5532

■ 60.3887, 0.2909,
0.2654

■ 41.3151, 0.3445,
0.5641

■ 61.9061, 0.2957,
0.2645

■ 41.2583, 0.3440,
0.5651

■ 63.3530, 0.3021,
0.2657

■ 64.8711, 0.3085,
0.2669

Harmonies

Analogous

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



48.2709, 0.3730, 0.4021



48.2709, 0.3342, 0.4060



48.2709, 0.2913, 0.3847

Triad

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



48.2709, 0.3342, 0.4060



48.2709, 0.2349, 0.2732



48.2709, 0.3714, 0.3105

Complementary

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



48.2709, 0.3342, 0.4060



29.4223, 0.2854, 0.2509

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.



48.2709, 0.3304, 0.2814



48.2709, 0.3342, 0.4060



48.2709, 0.2528, 0.2597

Square

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



48.2709, 0.3342, 0.4060



48.2709, 0.2359, 0.3035



48.2709, 0.2869, 0.2631



48.2709, 0.3962, 0.3451

Rectangle

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



48.2709, 0.3342, 0.4060



48.2709, 0.2662, 0.3595



48.2709, 0.2869, 0.2631



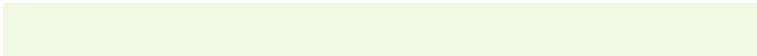
48.2709, 0.3589, 0.2999

Sweetspot

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



48.2730, 0.3342, 0.4060



92.3787, 0.3196, 0.3516



38.7273, 0.3670, 0.3616



19.7157, 0.3207, 0.3554



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.2730, 0.3342, 0.4060



84.7613, 0.3386, 0.4249



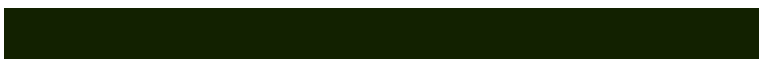
45.5869, 0.3117, 0.4116



11.5275, 0.3198, 0.3522



27.4886, 0.3449, 0.5644



1.2281, 0.3611, 0.5515

Inverse Universe

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



29.4223, 0.2854, 0.2509



45.3736, 0.2777, 0.2314



32.5947, 0.3123, 0.2569



9.9631, 0.3052, 0.3057



3.9274, 0.1934, 0.0839



0.2105, 0.2191, 0.0981

Previews

White Background



This preview shows how the Yxy color 48.2709, 0.3342, 0.4060 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 48.2709, 0.3342, 0.4060 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 48.2709, 0.3342, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 48.2709, 0.3342, 0.4060.



This preview shows how white text looks on a background with the Yxy color 48.2709, 0.3342, 0.4060.

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

48.2709, 0.3342, 0.4060

Protanopia

47.9802, 0.3669, 0.3941

Deuteranopia

48.0894, 0.3814, 0.3738



Tritanopia

48.2152, 0.2949, 0.3098

Trichromacy



Original Color

48.2709, 0.3342, 0.4060

Protanomaly

47.8267, 0.3549, 0.3988

Deuteranomaly

47.8732, 0.3632, 0.3851

Tritanomaly

48.1394, 0.3096, 0.3436

Monochromacy



Original Color

48.2709, 0.3342, 0.4060

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.0753, 0.3208, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2709, 0.3342, 0.4060 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(168, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(168, 193, 137)  
}
```

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(168, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 137) }
```

Border

The CSS property to change the border of an element to Yxy 48.2709, 0.3342, 0.4060 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(168, 193, 137) }
```

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

```
.border{ border-color:rgb(168, 193, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 193, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 193, 137);  
box-shadow:4px 4px 4px 4px rgb(168, 193,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2709, 0.3342, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 137) }
```

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

```
.background{ background-color: rgb(168,  
193, 137) }
```

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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