

Converting Colors

$Yxy(49.2237, 0.3192, 0.3567)$

Have a look what the booklet for
Yxy(49.2237, 0.3192, 0.3567)
contains.

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Color

Yxy(49.1565, 0.3188, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	B2BEA9
RGB	178, 190, 169
RGB Percent	70%, 75%, 66%
CMY	0.3020, 0.2549, 0.3372
CMYK	0.06, 0.00, 0.11, 0.25
HSL	94°, 14%, 70%
HSV	94°, 11%, 75%
XYZ	43.9335, 49.1565, 44.7190
YIQ	184.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

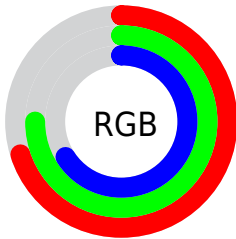
Format	Color
RYB	169, 190, 181
Decimal	11714217
CIELab	75.55, -8.01, 9.18
CIELCh	76, 12.182, 131.117
Yxy	49.1565, 0.3188, 0.3567
Android (android.graphics.Color)	4289904297 (0xFFB2BEA9)
YUV	184.0180, -7.4039, -5.2778
Hunter-Lab	70.1117, -10.8434, 11.2615

Details

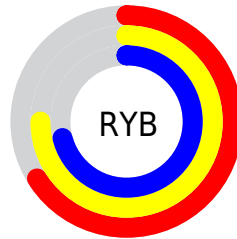
The Yxy color $49.1565, 0.3188, 0.3567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.9318, 0.3060, 0.3015$, and the grayscale version is $47.9854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.7858, 0.3181, 0.3516$, and $23.5356, 0.3199, 0.3653$ is the 20% darker color. If you saturate the color by 10%, you get $47.2588, 0.3242, 0.3842$, and if you desaturate by 10%, it is $51.2643, 0.3133, 0.3315$.

Distribution



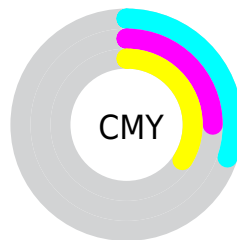
- Red (70%)
- Green (75%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (30%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1565, 0.3188, 0.3567 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 49.1565, 0.3188, 0.3567 by changing the saturation by 10% instead.


 49.1565, 0.3188,
0.3567

 49.1565, 0.3188,
0.3567

383.3581, 0.3159,
0.3428

 34.7436, 0.3195,
0.3602


 88.9238, 0.3178,
0.3516

 23.4655, 0.3203,
0.3647


115.0471, 0.3174,
0.3497

 14.9376, 0.3214,
0.3708

145.8427, 0.3170,
0.3481

 8.7756, 0.3229,
0.3793

181.6949, 0.3167,
0.3467

 4.5951, 0.3249,
0.3921

222.9881, 0.3165,
0.3455

 2.0117, 0.3277,
0.4136

270.1068, 0.3163,

 0.6143, 0.3771,

0.3445

0.5965

323.4353, 0.3161,
0.3436

0.0000, 0.0000,
0.0000

49.1565, 0.3188,
0.3567

49.1565, 0.3188,
0.3567

47.2588, 0.3242,
0.3842

51.2643, 0.3133,
0.3315

45.5582, 0.3291,
0.4135

53.5825, 0.3078,
0.3087

44.0495, 0.3334,
0.4440


56.1191, 0.3025,
0.2882


42.7249, 0.3365,
0.4746


58.8803, 0.2975,
0.2700


41.5762, 0.3381,
0.5039


61.2765, 0.2988,
0.2620


 40.5943, 0.3379,
0.5303


 63.1597, 0.3069,
0.2636

 39.7691, 0.3358,
0.5521

 65.1579, 0.3151,
0.2652

 39.0890, 0.3318,
0.5683

 65.3102, 0.3157,
0.2653

 38.5854, 0.3271,
0.5785

Harmonies

Analogous

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



49.1565, 0.3342, 0.3580



49.1565, 0.3188, 0.3567



49.1565, 0.3021, 0.3474

Triad

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



49.1565, 0.3188, 0.3567



49.1565, 0.2823, 0.3060



49.1565, 0.3375, 0.3246

Complementary

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



49.1565, 0.3188, 0.3567



41.9318, 0.3060, 0.3015

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.



49.1565, 0.3229, 0.3117



49.1565, 0.3188, 0.3567



49.1565, 0.2912, 0.3009

Square

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



49.1565, 0.3188, 0.3567



49.1565, 0.2813, 0.3176



49.1565, 0.3060, 0.3031



49.1565, 0.3452, 0.3390

Rectangle

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



49.1565, 0.3188, 0.3567



49.1565, 0.2924, 0.3380



49.1565, 0.3060, 0.3031



49.1565, 0.3332, 0.3200

Sweetspot

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



49.1586, 0.3188, 0.3567



92.0950, 0.3144, 0.3364



46.8264, 0.3303, 0.3444



20.1533, 0.3148, 0.3384



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.



49.1586, 0.3188, 0.3567



88.2978, 0.3200, 0.3625



48.1860, 0.3103, 0.3554



10.8434, 0.3179, 0.3523



25.6992, 0.3281, 0.5777



1.0453, 0.3477, 0.5621

Inverse Universe

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



41.9318, 0.3060, 0.3015



72.8651, 0.3046, 0.2959



42.9896, 0.3151, 0.3040



9.4879, 0.3071, 0.3059



4.6755, 0.2184, 0.0977



0.2210, 0.2427, 0.1110

Previews

White Background



This preview shows how the Yxy color 49.1565, 0.3188, 0.3567 looks on a white background.

Color Contrast Check

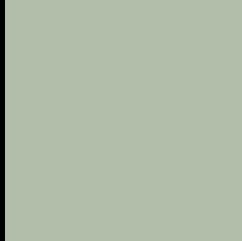
Large Text (above 18pt) WCAG AA × Fail

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 49.1565, 0.3188, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

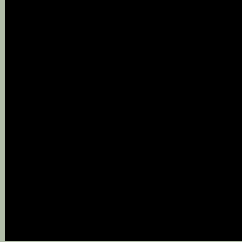
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

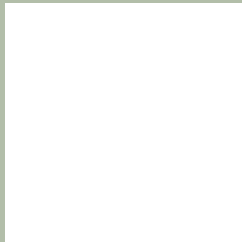
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1565, 0.3188, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 49.1565, 0.3188, 0.3567.



This preview shows how white text looks on a background with the Yxy color 49.1565, 0.3188, 0.3567.

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

49.1565, 0.3188, 0.3567

Protanopia

48.9573, 0.3348, 0.3520

Deuteranopia

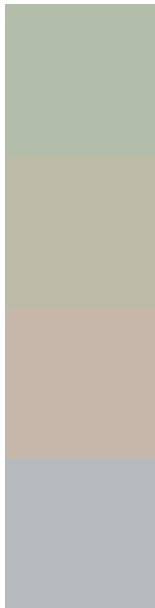
48.7358, 0.3460, 0.3389



Tritanopia

48.9353, 0.2997, 0.3100

Trichromacy



Original Color

49.1565, 0.3188, 0.3567

Protanomaly

49.0592, 0.3285, 0.3536

Deuteranomaly

48.7750, 0.3363, 0.3454

Tritanomaly

49.0385, 0.3063, 0.3264

Monochromacy



Original Color

49.1565, 0.3188, 0.3567

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3176, 0.3148, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1565, 0.3188, 0.3567 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(178, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 190, 169)  
}
```

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(178, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 190, 169) }
```

Border

The CSS property to change the border of an element to Yxy 49.1565, 0.3188, 0.3567 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(178, 190, 169) }
```

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

```
.border{ border-color:rgb(178, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 190,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1565, 0.3188, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 190, 169) }
```

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

```
.background{ background-color: rgb(178,  
190, 169) }
```

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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