

Converting Colors

Yxy(48.7634, 0.3211, 0.3556)

Have a look what the booklet for
Yxy(48.7634, 0.3211, 0.3556)
contains.

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Color

Yxy(48.9256, 0.3214, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	B4BDA8
RGB	180, 189, 168
RGB Percent	71%, 74%, 66%
CMY	0.2942, 0.2588, 0.3413
CMYK	0.05, 0.00, 0.11, 0.26
HSL	86°, 14%, 70%
HSV	86°, 11%, 74%
XYZ	44.0838, 48.9256, 44.1524
YIQ	183.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

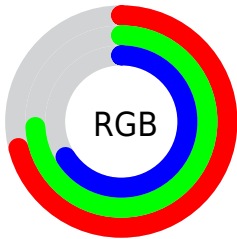
Format	Color
RYB	168, 189, 177
Decimal	11845032
CIELab	75.41, -6.95, 9.56
CIELCh	75, 11.821, 126.023
Yxy	48.9256, 0.3214, 0.3567
Android (android.graphics.Color)	4290035112 (0xFFB4BDA8)
YUV	183.9150, -7.8461, -3.4335
Hunter-Lab	69.9468, -9.9079, 11.5373

Details

The Yxy color $48.9256, 0.3214, 0.3567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.0166, 0.3033, 0.3011$, and the grayscale version is $47.9261, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4654, 0.3201, 0.3515$, and $23.3813, 0.3234, 0.3651$ is the 20% darker color. If you saturate the color by 10%, you get $47.3294, 0.3291, 0.3835$, and if you desaturate by 10%, it is $50.6854, 0.3136, 0.3317$.

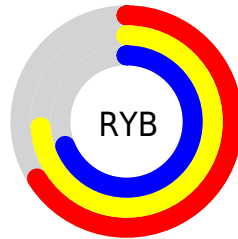
Distribution



Red (71%)

Green (74%)

Blue (66%)



Red (66%)

Yellow (74%)

Blue (69%)

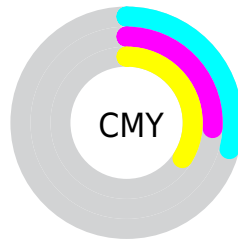


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (29%)


Magenta (26%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9256, 0.3214, 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 48.9256, 0.3214, 0.3567 by changing the saturation by 10% instead.


 48.9256, 0.3214,
0.3567


 48.9256, 0.3214,
0.3567


382.4494, 0.3172,
0.3428

 34.5605, 0.3224,
0.3602


 88.5809, 0.3199,
0.3516

 23.3245, 0.3237,
0.3647


 114.6399, 0.3193,
0.3497

 14.8333, 0.3253,
0.3708


145.3657, 0.3188,
0.3481

 8.7025, 0.3276,
0.3792

181.1426, 0.3184,
0.3467

 4.5476, 0.3307,
0.3920

222.3550, 0.3180,
0.3456

 1.9844, 0.3354,
0.4133

269.3873, 0.3177,

 0.5984, 0.4001,

0.3445

0.5999

322.6240, 0.3174,
0.3436

0.0000, 0.0000,
0.0000

48.9256, 0.3214,
0.3567

48.9256, 0.3214,
0.3567

47.3294, 0.3291,
0.3835

50.6854, 0.3136,
0.3317

45.8849, 0.3365,
0.4117

52.6074, 0.3059,
0.3087

44.5887, 0.3432,
0.4405

54.6986, 0.2986,
0.2879

43.4345, 0.3486,
0.4690

56.9635, 0.2916,
0.2691

42.4158, 0.3524,
0.4958

58.9156, 0.2900,
0.2591

■ 41.5253, 0.3541,
0.5197

■ 60.2150, 0.2959,
0.2604

■ 40.7546, 0.3535,
0.5393

■ 61.5766, 0.3020,
0.2616

■ 40.0942, 0.3507,
0.5538

■ 63.0013, 0.3080,
0.2628

■ 39.5852, 0.3467,
0.5629

■ 64.4899, 0.3142,
0.2640

Harmonies

Analogous

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



48.9256, 0.3357, 0.3566



48.9256, 0.3214, 0.3567



48.9256, 0.3050, 0.3488

Triad

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



48.9256, 0.3214, 0.3567



48.9256, 0.2824, 0.3082



48.9256, 0.3347, 0.3224

Complementary

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



48.9256, 0.3214, 0.3567



41.0166, 0.3033, 0.3011

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.



48.9256, 0.3199, 0.3103



48.9256, 0.3214, 0.3567



48.9256, 0.2898, 0.3021

Square

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



48.9256, 0.3214, 0.3567



48.9256, 0.2828, 0.3203



48.9256, 0.3035, 0.3029



48.9256, 0.3436, 0.3364

Rectangle

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



48.9256, 0.3214, 0.3567



48.9256, 0.2952, 0.3402



48.9256, 0.3035, 0.3029



48.9256, 0.3302, 0.3180

Sweetspot

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



48.9277, 0.3214, 0.3567



90.1405, 0.3151, 0.3363



44.9875, 0.3309, 0.3405



19.3283, 0.3157, 0.3383



95.5105, 0.3127, 0.3290



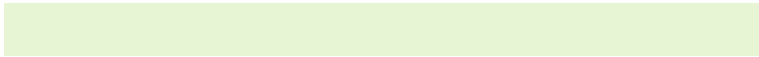
19.5994, 0.3127, 0.3290

Same Dimension

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



48.9277, 0.3214, 0.3567



87.0012, 0.3230, 0.3621



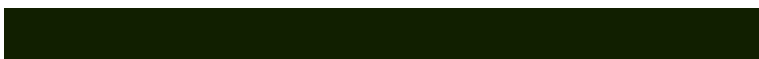
47.7413, 0.3128, 0.3574



10.9113, 0.3200, 0.3521



26.6768, 0.3475, 0.5622



1.0828, 0.3646, 0.5487

Inverse Universe

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



41.0166, 0.3033, 0.3011



70.4264, 0.3013, 0.2956



42.2674, 0.3124, 0.3019



9.4200, 0.3049, 0.3058



3.6937, 0.1904, 0.0823



0.1833, 0.2185, 0.0977

Previews

White Background



This preview shows how the Yxy color 48.9256, 0.3214, 0.3567 looks on a white background.

Color Contrast Check

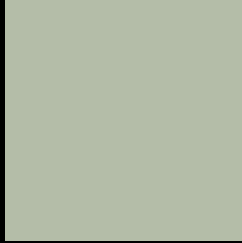
Large Text (above 18pt) WCAG AA × Fail

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 48.9256, 0.3214, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

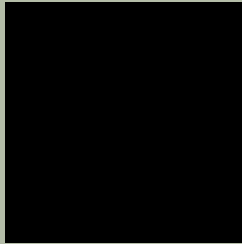
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

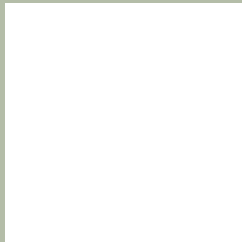
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9256, 0.3214, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 48.9256, 0.3214, 0.3567.



This preview shows how white text looks on a background with the Yxy color 48.9256, 0.3214, 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

48.9256, 0.3214, 0.3567

Protanopia

48.7886, 0.3348, 0.3534

Deuteranopia

48.6978, 0.3469, 0.3401



Tritanopia

49.1357, 0.3021, 0.3114

Trichromacy



Original Color

48.9256, 0.3214, 0.3567

Protanomaly

48.5992, 0.3294, 0.3536

Deuteranomaly

48.7373, 0.3371, 0.3467

Tritanomaly

48.8159, 0.3087, 0.3264

Monochromacy



Original Color

48.9256, 0.3214, 0.3567

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3994, 0.3164, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9256, 0.3214, 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(180, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 189, 168)  
}
```

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(180, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 189, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.9256, 0.3214, 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(180, 189, 168) }
```

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

```
.border{ border-color:rgb(180, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 189,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9256, 0.3214, 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(180, 189, 168) }
```

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

```
.background{ background-color: rgb(180,  
189, 168) }
```

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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