

Converting Colors

$Yxy(48.4604, 0.3358, 0.3460)$

Have a look what the booklet for
Yxy(48.4604, 0.3358, 0.3460)
contains.

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Color

Yxy(48.6019, 0.3362, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	C5B7A9
RGB	197, 183, 169
RGB Percent	77%, 72%, 66%
CMY	0.2275, 0.2823, 0.3373
CMYK	0.00, 0.07, 0.14, 0.23
HSL	30°, 19%, 72%
HSV	30°, 14%, 77%
XYZ	47.1164, 48.6019, 44.4256
YIQ	185.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

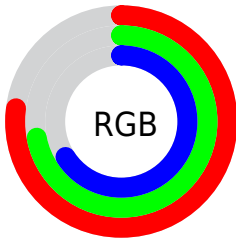
Format	Color
RYB	197, 197, 169
Decimal	12957609
CIELab	75.20, 2.60, 8.91
CIELCh	75, 9.279, 73.744
Yxy	48.6019, 0.3362, 0.3468
Android (android.graphics.Color)	4291147689 (0xFFC5B7A9)
YUV	185.5900, -8.1789, 10.0066
Hunter-Lab	69.7151, -1.3635, 11.0183

Details

The Yxy color **48.6019, 0.3362, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3128, 0.2907, 0.3105**, and the grayscale version is **48.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1857, 0.3322, 0.3439**, and **23.0893, 0.3427, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **44.0043, 0.3555, 0.3601**, and if you desaturate by 10%, it is **53.5985, 0.3192, 0.3341**.

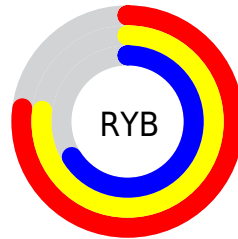
Distribution



Red (77%)

Green (72%)

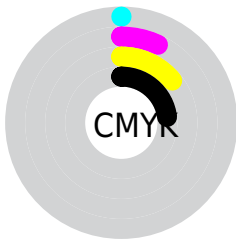
Blue (66%)



Red (77%)

Yellow (77%)

Blue (66%)

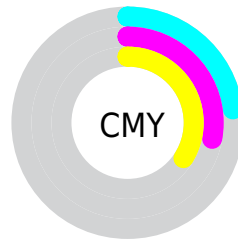


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6019, 0.3362, 0.3468 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 48.6019, 0.3362, 0.3468 by changing the saturation by 10% instead.


 48.6019, 0.3362,
0.3468

 48.6019, 0.3362,
0.3468

381.1730, 0.3245,
0.3380

 34.3038, 0.3391,
0.3490


 88.0999, 0.3320,
0.3436

 23.1271, 0.3428,
0.3517


114.0686, 0.3304,
0.3424

 14.6874, 0.3478,
0.3553


144.6962, 0.3290,
0.3414

 8.6003, 0.3546,
0.3603

180.3673, 0.3279,
0.3406

 4.4814, 0.3648,
0.3675

221.4661, 0.3269,
0.3398

 1.9463, 0.3814,
0.3789

268.3770, 0.3260,

 0.5760, 0.5128,

0.3391

0.4835

321.4845, 0.3252,
0.3386

0.0000, 0.0000,
0.0000

48.6019, 0.3362,
0.3468

48.6019, 0.3362,
0.3468

44.0043, 0.3555,
0.3601

53.5985, 0.3192,
0.3341

39.7886, 0.3773,
0.3736

58.9978, 0.3044,
0.3222

35.9455, 0.4014,
0.3867

64.8119, 0.2915,
0.3112

32.4633, 0.4275,
0.3987

71.0501, 0.2802,
0.3010

29.3291, 0.4548,
0.4085

76.8918, 0.2770,
0.3044

■ 26.5291, 0.4820,
0.4148

■ 82.5866, 0.2778,
0.3151

■ 24.0483, 0.5075,
0.4164

■ 88.5959, 0.2786,
0.3256

■ 21.8694, 0.5295,
0.4125

■ 90.6082, 0.2789,
0.3289

■ 20.7326, 0.5411,
0.4086

Harmonies

Analogous

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



48.6019, 0.3377, 0.3377



48.6019, 0.3362, 0.3468



48.6019, 0.3283, 0.3513

Triad

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



48.6019, 0.3362, 0.3468



48.6019, 0.2934, 0.3309



48.6019, 0.3087, 0.3094

Complementary

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



48.6019, 0.3362, 0.3468



46.3128, 0.2907, 0.3105

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.



48.6019, 0.2971, 0.3074



48.6019, 0.3362, 0.3468



48.6019, 0.2884, 0.3195

Square

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



48.6019, 0.3362, 0.3468



48.6019, 0.3036, 0.3421



48.6019, 0.2897, 0.3109



48.6019, 0.3217, 0.3164

Rectangle

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



48.6019, 0.3362, 0.3468



48.6019, 0.3206, 0.3509



48.6019, 0.2897, 0.3109



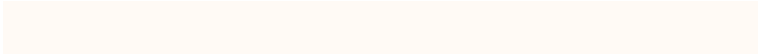
48.6019, 0.3045, 0.3081

Sweetspot

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



48.6041, 0.3362, 0.3468



96.1557, 0.3190, 0.3339



43.6566, 0.3263, 0.3114



20.4294, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



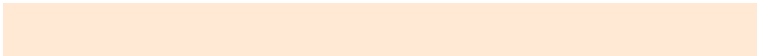
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6041, 0.3362, 0.3468



84.4822, 0.3418, 0.3508



54.6574, 0.3338, 0.3638



11.5002, 0.3277, 0.3406



13.8063, 0.5391, 0.4102



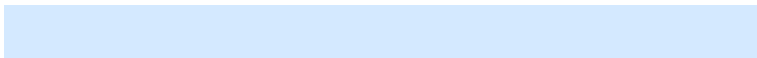
0.7986, 0.5076, 0.4352

Inverse Universe

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



46.3128, 0.2907, 0.3105



79.6028, 0.2859, 0.3062



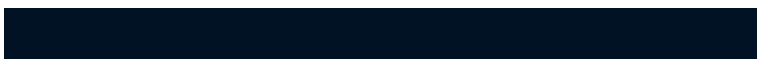
40.8340, 0.2901, 0.2917



11.1472, 0.2983, 0.3171



8.6018, 0.1775, 0.1590



0.5522, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 48.6019, 0.3362, 0.3468 looks on a white background.

Color Contrast Check

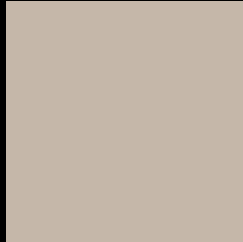
Large Text (above 18pt) WCAG AA × Fail

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 48.6019, 0.3362, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

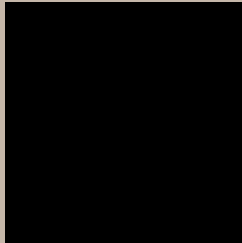
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

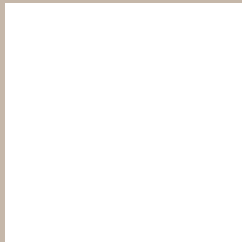
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6019, 0.3362, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 48.6019, 0.3362, 0.3468.



This preview shows how white text looks on a background with the Yxy color 48.6019, 0.3362, 0.3468.

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

48.6019, 0.3362, 0.3468

Protanopia

48.8067, 0.3306, 0.3482

Deuteranopia

48.6978, 0.3469, 0.3401



Tritanopia

48.3698, 0.3195, 0.3118

Trichromacy



Original Color

48.6019, 0.3362, 0.3468

Protanomaly

48.6526, 0.3326, 0.3469

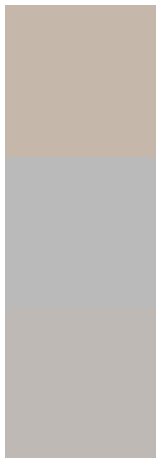
Deuteranomaly

48.5239, 0.3431, 0.3415

Tritanomaly

48.2453, 0.3260, 0.3241

Monochromacy



Original Color

48.6019, 0.3362, 0.3468

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9404, 0.3209, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6019, 0.3362, 0.3468 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(197, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 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(197, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.6019, 0.3362, 0.3468 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(197, 183, 169) }
```

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

```
.border{ border-color:rgb(197, 183, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 183, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 183, 169);  
box-shadow:4px 4px 4px 4px rgb(197, 183,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6019, 0.3362, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 169) }
```

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

```
.background{ background-color: rgb(197,  
183, 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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