

Converting Colors

$Yxy(48.4813, 0.3364, 0.3552)$

Have a look what the booklet for
Yxy(48.4813, 0.3364, 0.3552)
contains.

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Color

Yxy(48.2988, 0.3366, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8A4
RGB	193, 184, 164
RGB Percent	76%, 72%, 64%
CMY	0.2431, 0.2784, 0.3568
CMYK	0.00, 0.05, 0.15, 0.24
HSL	41°, 19%, 70%
HSV	41°, 15%, 76%
XYZ	45.8342, 48.2988, 42.0351
YIQ	184.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

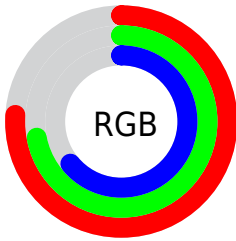
Format	Color
RYB	177, 193, 164
Decimal	12695716
CIELab	75.01, -0.21, 11.29
CIElCh	75, 11.292, 91.047
Yxy	48.2988, 0.3366, 0.3547
Android (android.graphics.Color)	4290885796 (0xFFC1B8A4)
YUV	184.4110, -10.0626, 7.5326
Hunter-Lab	69.4973, -3.8979, 12.7869

Details

The Yxy color $48.2988, 0.3366, 0.3547$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.6346, 0.2892, 0.3019$, and the grayscale version is $48.2252, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7586, 0.3326, 0.3501$, and $22.8914, 0.3433, 0.3623$ is the 20% darker color. If you saturate the color by 10%, you get $45.2198, 0.3544, 0.3726$, and if you desaturate by 10%, it is $51.5933, 0.3203, 0.3374$.

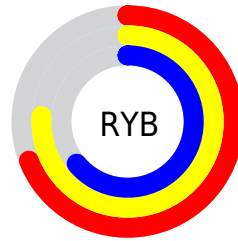
Distribution



Red (76%)

Green (72%)

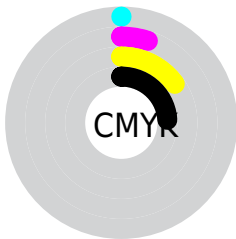
Blue (64%)



Red (69%)

Yellow (76%)

Blue (64%)

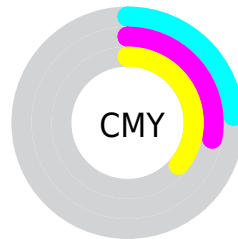


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (28%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2988, 0.3366, 0.3547 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 48.2988, 0.3366, 0.3547 by changing the saturation by 10% instead.


 48.2988, 0.3366,
0.3547


 48.2988, 0.3366,
0.3547


379.9753, 0.3247,
0.3419

 34.0636, 0.3395,
0.3579


 87.6491, 0.3323,
0.3501

 22.9424, 0.3433,
0.3619


 113.5330, 0.3307,
0.3483

 14.5510, 0.3483,
0.3673


144.0686, 0.3293,
0.3469

 8.5049, 0.3551,
0.3747

179.6402, 0.3281,
0.3456

 4.4197, 0.3652,
0.3856

220.6323, 0.3271,
0.3445

 1.9110, 0.3814,
0.4031

267.4292, 0.3262,

 0.5550, 0.4849,

0.3435

0.5151

320.4154, 0.3254,
0.3427

0.0000, 0.0000,
0.0000

48.2988, 0.3366,
0.3547

48.2988, 0.3366,
0.3547

45.2198, 0.3544,
0.3726

51.5933, 0.3203,
0.3374

42.3438, 0.3734,
0.3906

55.1025, 0.3056,
0.3209

39.6665, 0.3934,
0.4080

58.8340, 0.2923,
0.3056

37.1810, 0.4137,
0.4239

62.7931, 0.2804,
0.2913

34.8798, 0.4336,
0.4373

66.6244, 0.2729,
0.2838

■ 32.7547, 0.4521,
0.4470

■ 69.7108, 0.2735,
0.2905

■ 30.7961, 0.4683,
0.4521

■ 72.9099, 0.2741,
0.2973

■ 28.9931, 0.4815,
0.4523

■ 76.2227, 0.2746,
0.3039

■ 28.1424, 0.4873,
0.4512

■ 79.6504, 0.2752,
0.3105

Harmonies

Analogous

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



48.2988, 0.3432, 0.3464



48.2988, 0.3366, 0.3547



48.2988, 0.3236, 0.3561

Triad

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



48.2988, 0.3366, 0.3547



48.2988, 0.2848, 0.3229



48.2988, 0.3170, 0.3095

Complementary

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



48.2988, 0.3366, 0.3547



41.6346, 0.2892, 0.3019

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.



48.2988, 0.3014, 0.3034



48.2988, 0.3366, 0.3547



48.2988, 0.2831, 0.3107

Square

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



48.2988, 0.3366, 0.3547



48.2988, 0.2938, 0.3374



48.2988, 0.2891, 0.3037



48.2988, 0.3318, 0.3206

Rectangle

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



48.2988, 0.3366, 0.3547



48.2988, 0.3132, 0.3526



48.2988, 0.2891, 0.3037



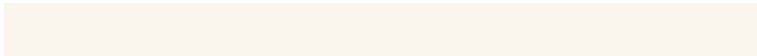
48.2988, 0.3117, 0.3068

Sweetspot

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



48.3009, 0.3366, 0.3547



92.3690, 0.3204, 0.3375



40.9180, 0.3320, 0.3171



19.7240, 0.3215, 0.3387



97.7402, 0.3127, 0.3290



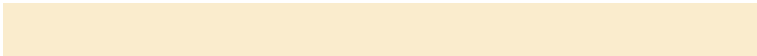
20.4902, 0.3127, 0.3290

Same Dimension

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



48.3009, 0.3366, 0.3547



84.6668, 0.3422, 0.3605



51.4714, 0.3304, 0.3663



11.2139, 0.3272, 0.3448



18.8659, 0.4862, 0.4521



0.9332, 0.4679, 0.4667

Inverse Universe

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



41.6346, 0.2892, 0.3019



70.4618, 0.2838, 0.2954



38.8777, 0.2933, 0.2899



10.2465, 0.2984, 0.3127



4.8293, 0.1622, 0.1040



0.3340, 0.1752, 0.1507

Previews

White Background



This preview shows how the Yxy color 48.2988, 0.3366, 0.3547 looks on a white background.

Color Contrast Check

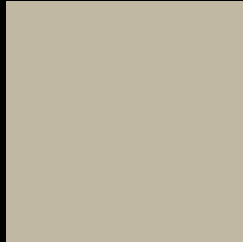
Large Text (above 18pt) WCAG AA × Fail

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 48.2988, 0.3366, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

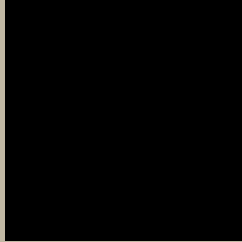
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2988, 0.3366, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 48.2988, 0.3366, 0.3547.



This preview shows how white text looks on a background with the Yxy color 48.2988, 0.3366, 0.3547.

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

48.2988, 0.3366, 0.3547

Protanopia

48.2988, 0.3366, 0.3547

Deuteranopia

48.2590, 0.3524, 0.3450



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.2988, 0.3366, 0.3547

Protanomaly

48.2988, 0.3366, 0.3547

Deuteranomaly

48.1965, 0.3465, 0.3478

Tritanomaly

48.2024, 0.3240, 0.3265

Monochromacy



Original Color

48.2988, 0.3366, 0.3547

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0201, 0.3208, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2988, 0.3366, 0.3547 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(193, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 164)  
}
```

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(193, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 164) }
```

Border

The CSS property to change the border of an element to Yxy 48.2988, 0.3366, 0.3547 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(193, 184, 164) }
```

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

```
.border{ border-color:rgb(193, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2988, 0.3366, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 164) }
```

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

```
.background{ background-color: rgb(193,  
184, 164) }
```

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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