

Converting Colors

Yxy(47.6664, 0.3310, 0.3366)

Have a look what the booklet for
Yxy(47.6664, 0.3310, 0.3366)
contains.

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Color

Yxy(47.8787, 0.3306, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	C4B5AF
RGB	196, 181, 175
RGB Percent	77%, 71%, 69%
CMY	0.2315, 0.2902, 0.3136
CMYK	0.00, 0.08, 0.11, 0.23
HSL	17°, 15%, 73%
HSV	17°, 11%, 77%
XYZ	47.0252, 47.8787, 47.3382
YIQ	184.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

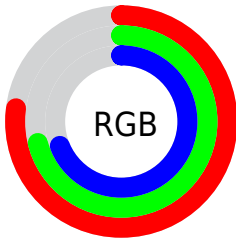
Format	Color
R_{YB}	196, 183, 175
Decimal	12891567
CIE _{Lab}	74.75, 4.30, 4.95
CIE _{LCh}	75, 6.559, 49.012
Yxy	47.8787, 0.3306, 0.3366
Android (android.graphics.Color)	4291081647 (0xFFC4B5AF)
YUV	184.8010, -4.8319, 9.8215
Hunter-Lab	69.1944, 0.2202, 7.8739

Details

The Yxy color $47.8787, 0.3306, 0.3366$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.9323, 0.2964, 0.3213$, and the grayscale version is $48.4231, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1642, 0.3279, 0.3360$, and $22.6192, 0.3351, 0.3376$ is the 20% darker color. If you saturate the color by 10%, you get $41.7517, 0.3506, 0.3442$, and if you desaturate by 10%, it is $54.6946, 0.3138, 0.3295$.

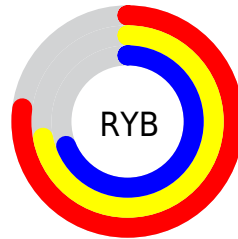
Distribution



Red (77%)

Green (71%)

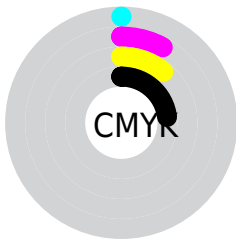
Blue (69%)



Red (77%)

Yellow (72%)

Blue (69%)

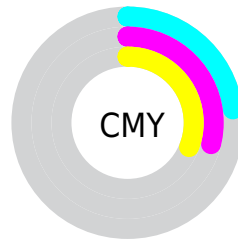


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8787, 0.3306, 0.3366 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 47.8787, 0.3306, 0.3366 by changing the saturation by 10% instead.


 47.8787, 0.3306,
0.3366

 47.8787, 0.3306,
0.3366


378.3111, 0.3217,
0.3329

 33.7308, 0.3328,
0.3375


 87.0238, 0.3274,
0.3353

 22.6869, 0.3357,
0.3387


112.7898, 0.3261,
0.3348

 14.3625, 0.3395,
0.3402


143.1973, 0.3251,
0.3343

 8.3732, 0.3449,
0.3422

178.6307, 0.3242,
0.3340

 4.3347, 0.3528,
0.3452

219.4744, 0.3235,
0.3336

 1.8625, 0.3661,
0.3500

266.1127, 0.3228,

 0.5257, 0.4457,

0.3334

0.3875

318.9302, 0.3222,
0.3331

0.0000, 0.0000,
0.0000

47.8787, 0.3306,
0.3366

47.8787, 0.3306,
0.3366

41.7517, 0.3506,
0.3442

54.6946, 0.3138,
0.3295

36.2856, 0.3743,
0.3520

62.2136, 0.2996,
0.3229

31.4597, 0.4021,
0.3598

70.4577, 0.2877,
0.3168

27.2500, 0.4340,
0.3669

79.4458, 0.2777,
0.3113

23.6307, 0.4695,
0.3725

87.9801, 0.2780,
0.3247

■ 20.5742, 0.5070,
0.3755

■ 90.4730, 0.2784,
0.3289

■ 18.0504, 0.5438,
0.3747

■ 16.0262, 0.5762,
0.3694

■ 14.5509, 0.6004,
0.3615

Harmonies

Analogous

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



47.8787, 0.3276, 0.3288



47.8787, 0.3306, 0.3366



47.8787, 0.3287, 0.3425

Triad

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



47.8787, 0.3306, 0.3366



47.8787, 0.3048, 0.3370



47.8787, 0.3029, 0.3135

Complementary

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



47.8787, 0.3306, 0.3366



49.9323, 0.2964, 0.3213

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.



47.8787, 0.2969, 0.3154



47.8787, 0.3306, 0.3366



47.8787, 0.2980, 0.3289

Square

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



47.8787, 0.3306, 0.3366



47.8787, 0.3137, 0.3429



47.8787, 0.2952, 0.3210



47.8787, 0.3115, 0.3156

Rectangle

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



47.8787, 0.3306, 0.3366



47.8787, 0.3249, 0.3446



47.8787, 0.2952, 0.3210



47.8787, 0.3005, 0.3137

Sweetspot

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



47.8808, 0.3306, 0.3366



96.0776, 0.3175, 0.3311



46.1265, 0.3188, 0.3103



20.3444, 0.3188, 0.3317



0.0000, 0.0000, 0.0000



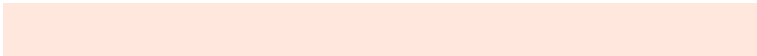
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8808, 0.3306, 0.3366



83.8481, 0.3353, 0.3385



52.2840, 0.3291, 0.3495



10.5353, 0.3282, 0.3356



9.4804, 0.5979, 0.3634



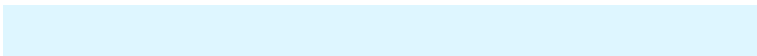
0.5310, 0.5526, 0.3994

Inverse Universe

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



49.9323, 0.2964, 0.3213



88.3615, 0.2925, 0.3193



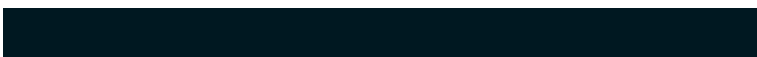
45.5732, 0.2962, 0.3076



10.9273, 0.2984, 0.3223



14.7845, 0.1985, 0.2345



0.7514, 0.2050, 0.2581

Previews

White Background



This preview shows how the Yxy color 47.8787, 0.3306, 0.3366 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 47.8787, 0.3306, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

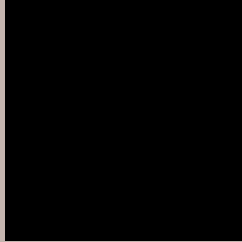
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8787, 0.3306, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 47.8787, 0.3306, 0.3366.



This preview shows how white text looks on a background with the Yxy color 47.8787, 0.3306, 0.3366.

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

47.8787, 0.3306, 0.3366

Protanopia

47.8204, 0.3234, 0.3380

Deuteranopia

47.9545, 0.3383, 0.3315



Tritanopia

47.6523, 0.3187, 0.3117

Trichromacy



Original Color

47.8787, 0.3306, 0.3366

Protanomaly

47.7970, 0.3262, 0.3367

Deuteranomaly

47.9313, 0.3355, 0.3328

Tritanomaly

47.6557, 0.3227, 0.3203

Monochromacy



Original Color

47.8787, 0.3306, 0.3366

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4360, 0.3193, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8787, 0.3306, 0.3366 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(196, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 175)  
}
```

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(196, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.8787, 0.3306, 0.3366 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(196, 181, 175) }
```

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

```
.border{ border-color:rgb(196, 181, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8787, 0.3306, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 175) }
```

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

```
.background{ background-color: rgb(196,  
181, 175) }
```

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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