

Converting Colors

$Yxy(47.4283, 0.3361, 0.3398)$

Have a look what the booklet for
Yxy(47.4283, 0.3361, 0.3398)
contains.

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Color

Yxy(47.5886, 0.3359, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	C6B4AB
RGB	198, 180, 171
RGB Percent	78%, 71%, 67%
CMY	0.2236, 0.2941, 0.3293
CMYK	0.00, 0.09, 0.14, 0.22
HSL	20°, 19%, 72%
HSV	20°, 14%, 78%
XYZ	46.9595, 47.5886, 45.2539
YIQ	184.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

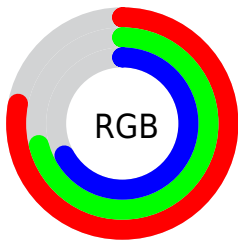
Format	Color
RYB	198, 185, 171
Decimal	13022379
CIELab	74.56, 4.91, 6.89
CIELCh	75, 8.461, 54.535
Yxy	47.5886, 0.3359, 0.3404
Android (android.graphics.Color)	4291212459 (0xFFC6B4AB)
YUV	184.3560, -6.5845, 11.9658
Hunter-Lab	68.9845, 0.7866, 9.3948

Details

The Yxy color $47.5886, 0.3359, 0.3404$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.1360, 0.2918, 0.3173$, and the grayscale version is $48.1724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7419, 0.3320, 0.3389$, and $22.4399, 0.3425, 0.3428$ is the 20% darker color. If you saturate the color by 10%, you get $41.8110, 0.3565, 0.3494$, and if you desaturate by 10%, it is $53.9915, 0.3184, 0.3319$.

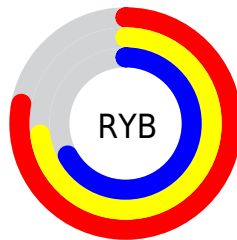
Distribution



Red (78%)

Green (71%)

Blue (67%)



Red (78%)

Yellow (73%)

Blue (67%)

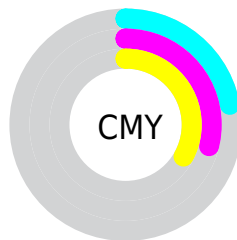


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5886, 0.3359, 0.3404 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 47.5886, 0.3359, 0.3404 by changing the saturation by 10% instead.


 47.5886, 0.3359,
0.3404

 47.5886, 0.3359,
0.3404


377.1591, 0.3243,
0.3348

 33.5012, 0.3388,
0.3418


 86.5916, 0.3317,
0.3384

 22.5107, 0.3425,
0.3435


112.2759, 0.3301,
0.3376

 14.2326, 0.3475,
0.3457


142.5947, 0.3288,
0.3370

 8.2826, 0.3545,
0.3488

177.9323, 0.3276,
0.3364

 4.2763, 0.3649,
0.3533

218.6732, 0.3266,
0.3360

 1.8293, 0.3821,
0.3603

265.2017, 0.3257,

 0.5053, 0.5112,

0.3355

0.4305

317.9022, 0.3250,
0.3352

0.0000, 0.0000,
0.0000

47.5886, 0.3359,
0.3404

47.5886, 0.3359,
0.3404

41.8110, 0.3565,
0.3494

53.9915, 0.3184,
0.3319

36.6331, 0.3807,
0.3585

61.0316, 0.3035,
0.3240

32.0370, 0.4086,
0.3674

68.7284, 0.2909,
0.3168

28.0014, 0.4401,
0.3754

77.0988, 0.2802,
0.3101

24.5034, 0.4744,
0.3815

85.1532, 0.2787,
0.3194

■ 21.5186, 0.5098,
0.3843

■ 90.7434, 0.2794,
0.3289

■ 19.0204, 0.5437,
0.3829

■ 16.9791, 0.5728,
0.3765

■ 15.8927, 0.5886,
0.3708

Harmonies

Analogous

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



47.5886, 0.3332, 0.3306



47.5886, 0.3359, 0.3404



47.5886, 0.3323, 0.3474

Triad

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



47.5886, 0.3359, 0.3404



47.5886, 0.3005, 0.3376



47.5886, 0.3019, 0.3092

Complementary

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



47.5886, 0.3359, 0.3404



49.1360, 0.2918, 0.3173

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.



47.5886, 0.2934, 0.3106



47.5886, 0.3359, 0.3404



47.5886, 0.2927, 0.3269

Square

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



47.5886, 0.3359, 0.3404



47.5886, 0.3117, 0.3460



47.5886, 0.2901, 0.3170



47.5886, 0.3134, 0.3128

Rectangle

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



47.5886, 0.3359, 0.3404



47.5886, 0.3268, 0.3495



47.5886, 0.2901, 0.3170



47.5886, 0.2986, 0.3091

Sweetspot

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



47.5907, 0.3359, 0.3404



95.0965, 0.3191, 0.3323



44.8350, 0.3214, 0.3061



20.1616, 0.3203, 0.3329



0.0000, 0.0000, 0.0000



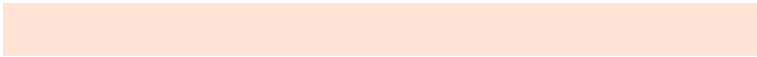
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5907, 0.3359, 0.3404



81.4958, 0.3410, 0.3427



53.1033, 0.3337, 0.3564



11.2045, 0.3281, 0.3368



10.4791, 0.5862, 0.3727



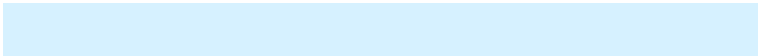
0.6300, 0.5452, 0.4053

Inverse Universe

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



49.1360, 0.2918, 0.3173



84.7007, 0.2878, 0.3149



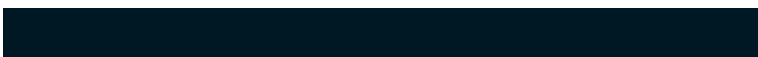
43.7780, 0.2914, 0.3000



11.4493, 0.2984, 0.3211



13.5558, 0.1937, 0.2174



0.7710, 0.2009, 0.2434

Previews

White Background



This preview shows how the Yxy color 47.5886, 0.3359, 0.3404 looks on a white background.

Color Contrast Check

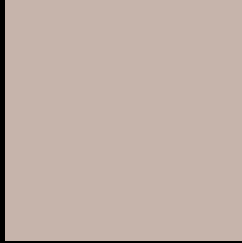
Large Text (above 18pt) WCAG AA × Fail

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 47.5886, 0.3359, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

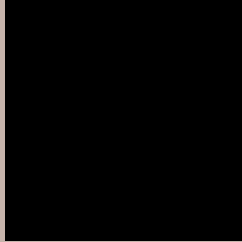
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5886, 0.3359, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 47.5886, 0.3359, 0.3404.



This preview shows how white text looks on a background with the Yxy color 47.5886, 0.3359, 0.3404.

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

47.5886, 0.3359, 0.3404

Protanopia

47.7029, 0.3259, 0.3419

Deuteranopia

47.5447, 0.3429, 0.3353



Tritanopia

47.6234, 0.3222, 0.3118

Trichromacy



Original Color

47.5886, 0.3359, 0.3404

Protanomaly

47.6409, 0.3295, 0.3419

Deuteranomaly

47.5159, 0.3400, 0.3366

Tritanomaly

47.5808, 0.3271, 0.3216

Monochromacy



Original Color

47.5886, 0.3359, 0.3404

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9405, 0.3210, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5886, 0.3359, 0.3404 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(198, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 171)  
}
```

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(198, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.5886, 0.3359, 0.3404 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(198, 180, 171) }
```

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

```
.border{ border-color:rgb(198, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 180,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5886, 0.3359, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 171) }
```

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

```
.background{ background-color: rgb(198,  
180, 171) }
```

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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