

Converting Colors

Yxy(47.9911, 0.3298, 0.3362)

Have a look what the booklet for
Yxy(47.9911, 0.3298, 0.3362)
contains.

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Color

Yxy(47.9181, 0.3298, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	C4B5B0
RGB	196, 181, 176
RGB Percent	77%, 71%, 69%
CMY	0.2315, 0.2901, 0.3099
CMYK	0.00, 0.08, 0.10, 0.23
HSL	15°, 14%, 73%
HSV	15°, 10%, 77%
XYZ	47.1180, 47.9181, 47.8324
YIQ	184.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

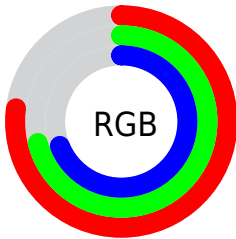
Format	Color
RYB	196, 183, 176
Decimal	12891568
CIELab	74.77, 4.45, 4.47
CIELCh	75, 6.309, 45.088
Yxy	47.9181, 0.3298, 0.3354
Android (android.graphics.Color)	4291081648 (0xFFC4B5B0)
YUV	184.9150, -4.3951, 9.7215
Hunter-Lab	69.2229, 0.3597, 7.4872

Details

The Yxy color $47.9181, 0.3298, 0.3354$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.4478, 0.2971, 0.3225$, and the grayscale version is $48.4852, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2772, 0.3266, 0.3340$, and $22.6444, 0.3340, 0.3359$ is the 20% darker color. If you saturate the color by 10%, you get $41.5460, 0.3499, 0.3421$, and if you desaturate by 10%, it is $55.0342, 0.3130, 0.3291$.

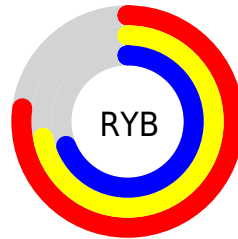
Distribution



Red (77%)

Green (71%)

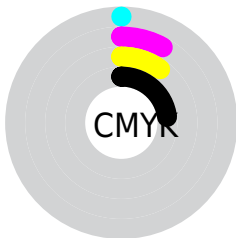
Blue (69%)



Red (77%)

Yellow (72%)

Blue (69%)

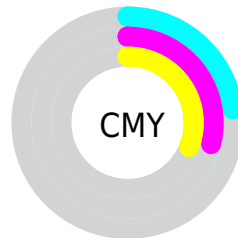


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9181, 0.3298, 0.3354 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 47.9181, 0.3298, 0.3354 by changing the saturation by 10% instead.


 47.9181, 0.3298,
0.3354

 47.9181, 0.3298,
0.3354


378.4674, 0.3213,
0.3323

 33.7620, 0.3319,
0.3362


 87.0825, 0.3267,
0.3343

 22.7108, 0.3347,
0.3371


112.8595, 0.3255,
0.3339

 14.3801, 0.3383,
0.3384


143.2791, 0.3246,
0.3335

 8.3855, 0.3434,
0.3401

178.7254, 0.3237,
0.3332

 4.3426, 0.3510,
0.3426

219.5831, 0.3230,
0.3329

 1.8670, 0.3637,
0.3465

266.2363, 0.3223,

 0.5284, 0.4357,

0.3327

0.3768

319.0697, 0.3218,
0.3325

0.0000, 0.0000,
0.0000

47.9181, 0.3298,
0.3354

47.9181, 0.3298,
0.3354

41.5460, 0.3499,
0.3421

55.0342, 0.3130,
0.3291

35.8874, 0.3738,
0.3491

62.9108, 0.2990,
0.3233

30.9189, 0.4021,
0.3559

71.5720, 0.2873,
0.3180

26.6137, 0.4348,
0.3622

81.0390, 0.2774,
0.3132

22.9430, 0.4715,
0.3671

90.0491, 0.2783,
0.3282

■ 19.8757, 0.5105,
0.3696

■ 90.4716, 0.2784,
0.3289

■ 17.3782, 0.5488,
0.3686

■ 15.4129, 0.5823,
0.3635

■ 13.9559, 0.6080,
0.3555

Harmonies

Analogous

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



47.9181, 0.3264, 0.3278



47.9181, 0.3298, 0.3354



47.9181, 0.3286, 0.3414

Triad

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



47.9181, 0.3298, 0.3354



47.9181, 0.3061, 0.3376



47.9181, 0.3023, 0.3141

Complementary

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



47.9181, 0.3298, 0.3354



50.4478, 0.2971, 0.3225

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.



47.9181, 0.2971, 0.3165



47.9181, 0.3298, 0.3354



47.9181, 0.2992, 0.3300

Square

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



47.9181, 0.3298, 0.3354



47.9181, 0.3148, 0.3428



47.9181, 0.2959, 0.3223



47.9181, 0.3104, 0.3157

Rectangle

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



47.9181, 0.3298, 0.3354



47.9181, 0.3253, 0.3437



47.9181, 0.2959, 0.3223



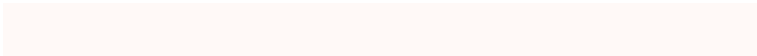
47.9181, 0.3002, 0.3145

Sweetspot

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



47.9202, 0.3298, 0.3354



95.9189, 0.3175, 0.3309



46.5375, 0.3180, 0.3103



20.3018, 0.3188, 0.3314



0.0000, 0.0000, 0.0000



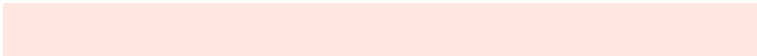
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9202, 0.3298, 0.3354



84.4346, 0.3335, 0.3367



52.1158, 0.3284, 0.3478



10.4807, 0.3283, 0.3349



9.0881, 0.6056, 0.3574



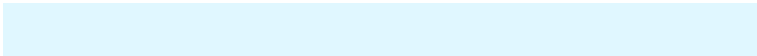
0.5070, 0.5604, 0.3932

Inverse Universe

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



50.4478, 0.2971, 0.3225



89.8349, 0.2941, 0.3212



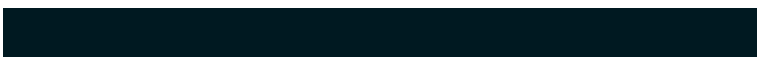
46.2532, 0.2970, 0.3095



10.9852, 0.2984, 0.3231



16.0447, 0.2018, 0.2463



0.7976, 0.2075, 0.2669

Previews

White Background



This preview shows how the Yxy color 47.9181, 0.3298, 0.3354 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 47.9181, 0.3298, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

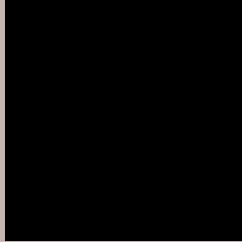
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9181, 0.3298, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 47.9181, 0.3298, 0.3354.



This preview shows how white text looks on a background with the Yxy color 47.9181, 0.3298, 0.3354.

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

47.9181, 0.3298, 0.3354

Protanopia

47.8601, 0.3226, 0.3367

Deuteranopia

47.9943, 0.3375, 0.3303



Tritanopia

47.6968, 0.3179, 0.3105

Trichromacy



Original Color

47.9181, 0.3298, 0.3354

Protanomaly

47.8367, 0.3254, 0.3354

Deuteranomaly

47.9711, 0.3346, 0.3316

Tritanomaly

47.6984, 0.3218, 0.3191

Monochromacy



Original Color

47.9181, 0.3298, 0.3354

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4772, 0.3185, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9181, 0.3298, 0.3354 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.9181, 0.3298, 0.3354 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, 176) }
```

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

```
.border{ border-color:rgb(196, 181, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9181, 0.3298, 0.3354 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, 176) }
```

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

```
.background{ background-color: rgb(196,  
181, 176) }
```

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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