

Converting Colors

$Yxy(47.6914, 0.3272, 0.3341)$

Have a look what the booklet for
Yxy(47.6914, 0.3272, 0.3341)
contains.

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Color

Yxy(47.6914, 0.3272, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	C2B5B1
RGB	194, 181, 177
RGB Percent	76%, 71%, 69%
CMY	0.2393, 0.2902, 0.3058
CMYK	0.00, 0.07, 0.09, 0.24
HSL	14°, 12%, 73%
HSV	14°, 9%, 76%
XYZ	46.7065, 47.6914, 48.3480
YIQ	184.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

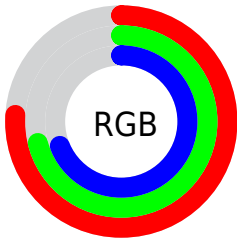
Format	Color
RYB	194, 182, 177
Decimal	12760497
CIELab	74.63, 3.92, 3.68
CIElCh	75, 5.372, 43.187
Yxy	47.6914, 0.3272, 0.3341
Android (android.graphics.Color)	4290950577 (0xFFC2B5B1)
YUV	184.4310, -3.6635, 8.3920
Hunter-Lab	69.0590, -0.1288, 6.8325

Details

The Yxy color **47.6914, 0.3272, 0.3341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0698, 0.2994, 0.3238**, and the grayscale version is **48.2012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9608, 0.3246, 0.3330**, and **22.4690, 0.3315, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **41.2571, 0.3469, 0.3403**, and if you desaturate by 10%, it is **54.8826, 0.3108, 0.3283**.

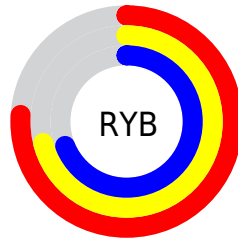
Distribution



Red (76%)

Green (71%)

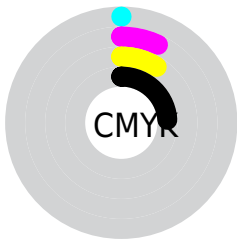
Blue (69%)



Red (76%)

Yellow (71%)

Blue (69%)

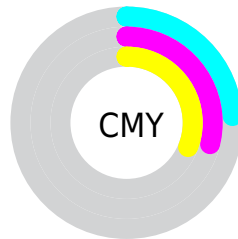


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6914, 0.3272, 0.3341 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 47.6914, 0.3272, 0.3341 by changing the saturation by 10% instead.


 47.6914, 0.3272,
0.3341

 47.6914, 0.3272,
0.3341


377.5676, 0.3200,
0.3316

 33.5826, 0.3290,
0.3347


 86.7448, 0.3246,
0.3332

 22.5731, 0.3313,
0.3355


112.4581, 0.3236,
0.3329

 14.2786, 0.3344,
0.3365


142.8083, 0.3227,
0.3326

 8.3147, 0.3388,
0.3379

178.1799, 0.3220,
0.3323

 4.2970, 0.3452,
0.3399

218.9572, 0.3214,
0.3321

 1.8410, 0.3560,
0.3431

265.5247, 0.3209,

 0.5126, 0.4174,

0.3319

0.3671

318.2667, 0.3204,
0.3318

0.0000, 0.0000,
0.0000

47.6914, 0.3272,
0.3341

47.6914, 0.3272,
0.3341

41.2571, 0.3469,
0.3403

54.8826, 0.3108,
0.3283

35.5487, 0.3704,
0.3468

62.8480, 0.2972,
0.3230

30.5424, 0.3983,
0.3533

71.6120, 0.2858,
0.3181

26.2106, 0.4309,
0.3593

81.1962, 0.2762,
0.3136

22.5239, 0.4676,
0.3640

90.2075, 0.2773,
0.3289

■ 19.4506, 0.5071,
0.3666

■ 16.9563, 0.5464,
0.3660

■ 15.0027, 0.5813,
0.3615

■ 13.5429, 0.6083,
0.3537

Harmonies

Analogous

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



47.6914, 0.3240, 0.3276



47.6914, 0.3272, 0.3341



47.6914, 0.3264, 0.3394

Triad

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



47.6914, 0.3272, 0.3341



47.6914, 0.3075, 0.3367



47.6914, 0.3035, 0.3163

Complementary

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



47.6914, 0.3272, 0.3341



50.0698, 0.2994, 0.3238

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.



47.6914, 0.2992, 0.3186



47.6914, 0.3272, 0.3341



47.6914, 0.3015, 0.3303

Square

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



47.6914, 0.3272, 0.3341



47.6914, 0.3150, 0.3410



47.6914, 0.2985, 0.3237



47.6914, 0.3103, 0.3174

Rectangle

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



47.6914, 0.3272, 0.3341



47.6914, 0.3238, 0.3414



47.6914, 0.2985, 0.3237



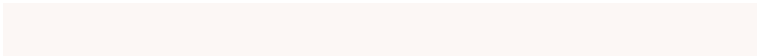
47.6914, 0.3017, 0.3167

Sweetspot

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



47.6935, 0.3272, 0.3341



93.6764, 0.3175, 0.3307



46.6383, 0.3169, 0.3127



20.2806, 0.3188, 0.3312



0.0000, 0.0000, 0.0000



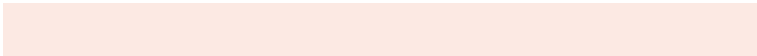
21.4041, 0.3127, 0.3290

Same Dimension

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



47.6935, 0.3272, 0.3341



84.6937, 0.3298, 0.3350



51.2368, 0.3261, 0.3447



10.4537, 0.3283, 0.3345



8.9119, 0.6092, 0.3545



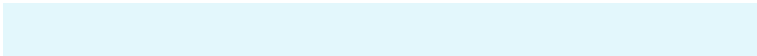
0.4950, 0.5645, 0.3899

Inverse Universe

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



50.0698, 0.2994, 0.3238



89.6468, 0.2972, 0.3230



46.5131, 0.2993, 0.3128



11.0141, 0.2984, 0.3235



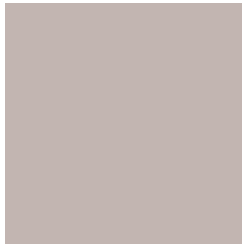
16.6985, 0.2034, 0.2521



0.8213, 0.2087, 0.2712

Previews

White Background



This preview shows how the Yxy color 47.6914, 0.3272, 0.3341 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 47.6914, 0.3272, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

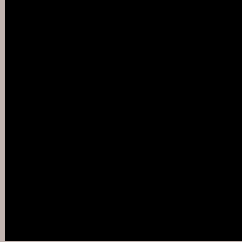
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

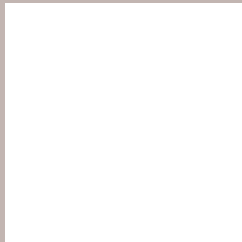
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6914, 0.3272, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 47.6914, 0.3272, 0.3341.



This preview shows how white text looks on a background with the Yxy color 47.6914, 0.3272, 0.3341.

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

47.6914, 0.3272, 0.3341

Protanopia

47.7727, 0.3210, 0.3355

Deuteranopia

47.8925, 0.3357, 0.3291



Tritanopia

47.8262, 0.3161, 0.3116

Trichromacy



Original Color

47.6914, 0.3272, 0.3341

Protanomaly

47.6174, 0.3228, 0.3342

Deuteranomaly

47.7339, 0.3320, 0.3303

Tritanomaly

47.8325, 0.3200, 0.3203

Monochromacy



Original Color

47.6914, 0.3272, 0.3341

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8945, 0.3186, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6914, 0.3272, 0.3341 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(194, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 177)  
}
```

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(194, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.6914, 0.3272, 0.3341 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(194, 181, 177) }
```

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

```
.border{ border-color:rgb(194, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 181, 177); box-shadow:4px 4px 4px 4px rgb(194, 181, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6914, 0.3272, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 177) }
```

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

```
.background{ background-color: rgb(194,  
181, 177) }
```

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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