

Converting Colors

$Yxy(48.0037, 0.3355, 0.3526)$

Have a look what the booklet for
Yxy(48.0037, 0.3355, 0.3526)
contains.

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Color

Yxy(47.9210, 0.3360, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	C1B7A5
RGB	193, 183, 165
RGB Percent	76%, 72%, 65%
CMY	0.2431, 0.2823, 0.3530
CMYK	0.00, 0.05, 0.15, 0.24
HSL	39°, 18%, 70%
HSV	39°, 15%, 76%
XYZ	45.7168, 47.9210, 42.4241
YIQ	183.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

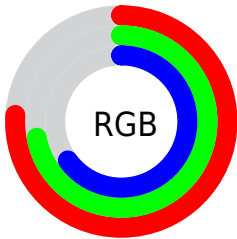
Format	Color
RYB	181, 193, 165
Decimal	12695461
CIELab	74.78, 0.48, 10.43
CIELCh	75, 10.443, 87.342
Yxy	47.9210, 0.3360, 0.3522
Android (android.graphics.Color)	4290885541 (0xFFC1B7A5)
YUV	183.9380, -9.3364, 7.9474
Hunter-Lab	69.2250, -3.2608, 12.1220

Details

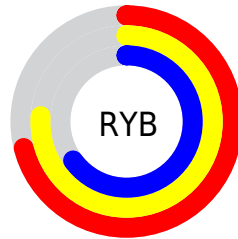
The Yxy color **47.9210, 0.3360, 0.3522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4983, 0.2901, 0.3047**, and the grayscale version is **47.9450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2243, 0.3320, 0.3481**, and **22.6465, 0.3424, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **44.5004, 0.3541, 0.3690**, and if you desaturate by 10%, it is **51.5909, 0.3196, 0.3360**.

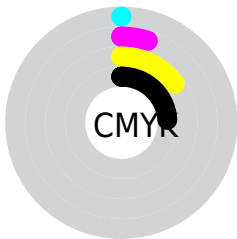
Distribution



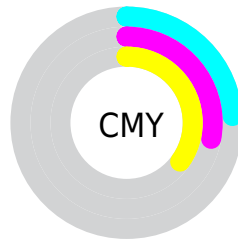
- Red (76%)
- Green (72%)
- Blue (65%)



- Red (71%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9210, 0.3360, 0.3522 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 47.9210, 0.3360, 0.3522 by changing the saturation by 10% instead.

 47.9210, 0.3360,
0.3522

 47.9210, 0.3360,
0.3522


378.4789, 0.3244,
0.3407

 33.7643, 0.3389,
0.3551


 87.0868, 0.3318,
0.3480

 22.7126, 0.3426,
0.3587


 112.8647, 0.3302,
0.3465

 14.3814, 0.3475,
0.3635


143.2851, 0.3289,
0.3451

 8.3864, 0.3542,
0.3702

178.7324, 0.3277,
0.3440

 4.3432, 0.3643,
0.3801

219.5911, 0.3267,
0.3430

 1.8673, 0.3805,
0.3960

266.2454, 0.3259,

 0.5286, 0.4931,

0.3421

0.5069

319.0799, 0.3251,
0.3414

0.0000, 0.0000,
0.0000

47.9210, 0.3360,
0.3522

47.9210, 0.3360,
0.3522

44.5004, 0.3541,
0.3690

51.5909, 0.3196,
0.3360

41.3161, 0.3738,
0.3859

55.5102, 0.3049,
0.3208

38.3632, 0.3947,
0.4024

59.6870, 0.2917,
0.3065

35.6339, 0.4164,
0.4174

64.1272, 0.2800,
0.2933

33.1201, 0.4380,
0.4301

68.4121, 0.2733,
0.2877

■ 30.8129, 0.4586,
0.4391

■ 72.0467, 0.2739,
0.2955

■ 28.7020, 0.4770,
0.4436

■ 75.8314, 0.2746,
0.3032

■ 26.7756, 0.4924,
0.4430

■ 79.7678, 0.2752,
0.3107

■ 25.7879, 0.4999,
0.4412

■ 83.8577, 0.2759,
0.3182

Harmonies

Analogous

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



47.9210, 0.3412, 0.3439



47.9210, 0.3360, 0.3522



47.9210, 0.3245, 0.3543

Triad

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



47.9210, 0.3360, 0.3522



47.9210, 0.2875, 0.3250



47.9210, 0.3149, 0.3099

Complementary

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



47.9210, 0.3360, 0.3522



42.4983, 0.2901, 0.3047

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.



47.9210, 0.3006, 0.3049



47.9210, 0.3360, 0.3522



47.9210, 0.2850, 0.3132

Square

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



47.9210, 0.3360, 0.3522



47.9210, 0.2966, 0.3384



47.9210, 0.2897, 0.3060



47.9210, 0.3289, 0.3197

Rectangle

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



47.9210, 0.3360, 0.3522



47.9210, 0.3150, 0.3517



47.9210, 0.2897, 0.3060



47.9210, 0.3099, 0.3076

Sweetspot

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



47.9231, 0.3360, 0.3522



92.7054, 0.3189, 0.3353



41.3444, 0.3300, 0.3157



19.7777, 0.3201, 0.3365



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.



47.9231, 0.3360, 0.3522



84.0990, 0.3408, 0.3568



51.7129, 0.3310, 0.3649



11.1340, 0.3273, 0.3438



17.3058, 0.4986, 0.4423



0.8740, 0.4766, 0.4597

Inverse Universe

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



42.4983, 0.2901, 0.3047



72.7708, 0.2856, 0.2996



39.1545, 0.2928, 0.2912



10.3231, 0.2984, 0.3138



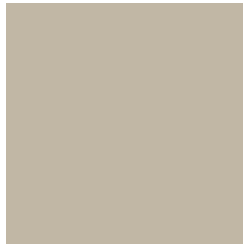
5.5195, 0.1656, 0.1159



0.3695, 0.1785, 0.1624

Previews

White Background



This preview shows how the Yxy color 47.9210, 0.3360, 0.3522 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 47.9210, 0.3360, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

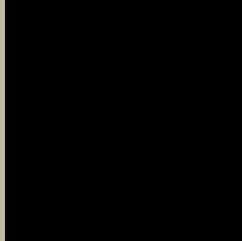
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9210, 0.3360, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 47.9210, 0.3360, 0.3522.



This preview shows how white text looks on a background with the Yxy color 47.9210, 0.3360, 0.3522.

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

47.9210, 0.3360, 0.3522

Protanopia

47.7901, 0.3351, 0.3522

Deuteranopia

47.6074, 0.3499, 0.3427



Tritanopia

47.9608, 0.3170, 0.3117

Trichromacy



Original Color

47.9210, 0.3360, 0.3522

Protanomaly

47.7901, 0.3351, 0.3522

Deuteranomaly

47.6899, 0.3449, 0.3453

Tritanomaly

47.7972, 0.3242, 0.3253

Monochromacy



Original Color

47.9210, 0.3360, 0.3522

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 47.9210, 0.3360, 0.3522 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, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 165)  
}
```

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, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.9210, 0.3360, 0.3522 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, 183, 165) }
```

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

```
.border{ border-color:rgb(193, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 183, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 183, 165); box-shadow:4px 4px 4px 4px rgb(193, 183, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9210, 0.3360, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 165) }
```

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

```
.background{ background-color: rgb(193,  
183, 165) }
```

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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