

Converting Colors

$Yxy(47.3917, 0.3213, 0.3228)$

Have a look what the booklet for
Yxy(47.3917, 0.3213, 0.3228)
contains.

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Color

Yxy(47.5725, 0.3216, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C2B4B8
RGB	194, 180, 184
RGB Percent	76%, 71%, 72%
CMY	0.2392, 0.2941, 0.2785
CMYK	0.00, 0.07, 0.05, 0.24
HSL	343°, 10%, 73%
HSV	343°, 7%, 76%
XYZ	47.2201, 47.5725, 52.0361
YIQ	184.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

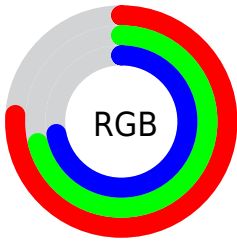
Format	Color
RYB	194, 180, 184
Decimal	12760248
CIELab	74.55, 5.68, -0.24
CIElCh	75, 5.688, 357.597
Yxy	47.5725, 0.3216, 0.3240
Android (android.graphics.Color)	4290950328 (0xFFC2B4B8)
YUV	184.6420, -0.3165, 8.2070
Hunter-Lab	68.9728, 1.5021, 3.5500

Details

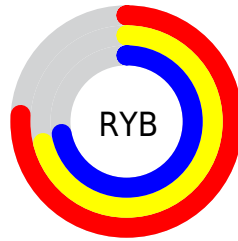
The Yxy color $47.5725, 0.3216, 0.3240$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0058, 0.3045, 0.3341$, and the grayscale version is $48.3062, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7914, 0.3203, 0.3251$, and $22.3929, 0.3237, 0.3222$ is the 20% darker color. If you saturate the color by 10%, you get $39.7283, 0.3363, 0.3167$, and if you desaturate by 10%, it is $56.5742, 0.3096, 0.3309$.

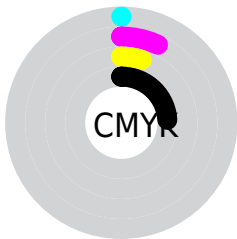
Distribution



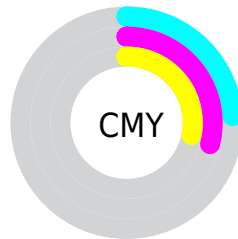
- Red (76%)
- Green (71%)
- Blue (72%)



- Red (76%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (24%)




- Cyan (24%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5725, 0.3216, 0.3240 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 47.5725, 0.3216, 0.3240 by changing the saturation by 10% instead.

 47.5725, 0.3216,
0.3240

 47.5725, 0.3216,
0.3240


377.0951, 0.3172,
0.3265

 33.4885, 0.3227,
0.3234


 86.5676, 0.3200,
0.3249

 22.5009, 0.3241,
0.3226


112.2474, 0.3194,
0.3252

 14.2254, 0.3260,
0.3215


142.5612, 0.3189,
0.3255

 8.2776, 0.3286,
0.3200

177.8935, 0.3184,
0.3258

 4.2731, 0.3325,
0.3178

218.6287, 0.3181,
0.3260

 1.8275, 0.3390,
0.3142

265.1511, 0.3177,

 0.5042, 0.3661,

0.3262

0.2987

317.8451, 0.3174,
0.3264

0.0000, 0.0000,
0.0000

47.5725, 0.3216,
0.3240

47.5725, 0.3216,
0.3240

39.7283, 0.3363,
0.3167

56.5742, 0.3096,
0.3309

32.9885, 0.3543,
0.3090

66.7714, 0.2999,
0.3372

27.3049, 0.3763,
0.3013

78.2081, 0.2919,
0.3430

22.6237, 0.4026,
0.2941

89.2501, 0.2852,
0.3455

18.8859, 0.4334,
0.2881

90.1042, 0.2781,
0.3306

■ 16.0265, 0.4682,
0.2843

■ 90.2093, 0.2773,
0.3289

■ 13.9722, 0.5053,
0.2839

■ 12.6374, 0.5418,
0.2877

■ 11.9038, 0.5741,
0.2958

Harmonies

Analogous

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



47.5725, 0.3140, 0.3185



47.5725, 0.3216, 0.3240



47.5725, 0.3268, 0.3309

Triad

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



47.5725, 0.3216, 0.3240



47.5725, 0.3192, 0.3427



47.5725, 0.2975, 0.3204

Complementary

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



47.5725, 0.3216, 0.3240



52.0058, 0.3045, 0.3341

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.



47.5725, 0.2988, 0.3269



47.5725, 0.3216, 0.3240



47.5725, 0.3113, 0.3399

Square

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



47.5725, 0.3216, 0.3240



47.5725, 0.3254, 0.3417



47.5725, 0.3039, 0.3341



47.5725, 0.3002, 0.3164

Rectangle

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



47.5725, 0.3216, 0.3240



47.5725, 0.3282, 0.3353



47.5725, 0.3039, 0.3341



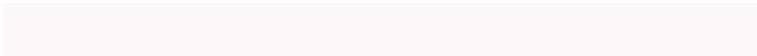
47.5725, 0.2975, 0.3224

Sweetspot

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



47.5746, 0.3216, 0.3240



94.3761, 0.3151, 0.3276



47.4616, 0.3100, 0.3114



20.7031, 0.3150, 0.3277



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.



47.5746, 0.3216, 0.3240



83.2906, 0.3242, 0.3226



48.5513, 0.3245, 0.3326



10.1240, 0.3245, 0.3225



7.7361, 0.5790, 0.2963



0.3465, 0.5132, 0.2601

Inverse Universe

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



47.5746, 0.3216, 0.3240



83.2906, 0.3242, 0.3226



50.9484, 0.3017, 0.3254



10.1240, 0.3245, 0.3225



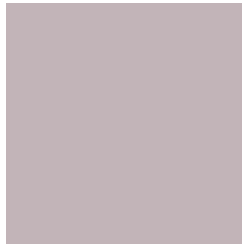
7.7361, 0.5790, 0.2963



0.3465, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 47.5725, 0.3216, 0.3240 looks on a white background.

Color Contrast Check

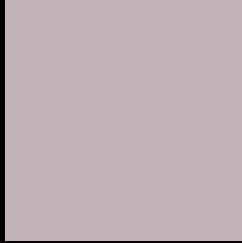
Large Text (above 18pt) WCAG AA × Fail

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 47.5725, 0.3216, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

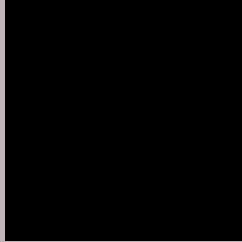
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

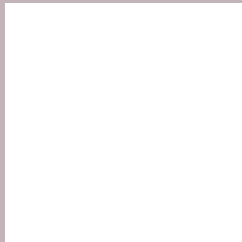
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5725, 0.3216, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 47.5725, 0.3216, 0.3240.



This preview shows how white text looks on a background with the Yxy color 47.5725, 0.3216, 0.3240.

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

47.5725, 0.3216, 0.3240

Protanopia

47.8089, 0.3137, 0.3264

Deuteranopia

47.7190, 0.3280, 0.3216



Tritanopia

47.6926, 0.3152, 0.3116

Trichromacy



Original Color

47.5725, 0.3216, 0.3240

Protanomaly

47.7775, 0.3163, 0.3252

Deuteranomaly

47.7067, 0.3252, 0.3228

Tritanomaly

47.5600, 0.3177, 0.3153

Monochromacy



Original Color

47.5725, 0.3216, 0.3240

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0611, 0.3154, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5725, 0.3216, 0.3240 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.5725, 0.3216, 0.3240 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, 180, 184) }
```

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

```
.border{ border-color:rgb(194, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5725, 0.3216, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 184) }
```

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

```
.background{ background-color: rgb(194,  
180, 184) }
```

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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