

Converting Colors

$Yxy(47.6781, 0.3293, 0.3292)$

Have a look what the booklet for
Yxy(47.6781, 0.3293, 0.3292)
contains.

Yxy(47.5006, 0.3294, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.5006, 0.3294, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3B3
RGB	198, 179, 179
RGB Percent	78%, 70%, 70%
CMY	0.2235, 0.2980, 0.2982
CMYK	0.00, 0.10, 0.10, 0.22
HSL	0°, 14%, 74%
HSV	0°, 10%, 78%
XYZ	47.5439, 47.5006, 49.2904
YIQ	184.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

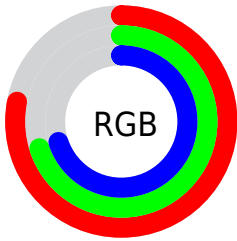
Format	Color
R_{YB}	198, 179, 179
Decimal	13022131
CIE Lab	74.51, 6.78, 2.48
CIE LCh	75, 7.223, 20.106
Yxy	47.5006, 0.3294, 0.3291
Android (android.graphics.Color)	4291212211 (0xFFC6B3B3)
YUV	184.6810, -2.8007, 11.6808
Hunter-Lab	68.9207, 2.5244, 5.8417

Details

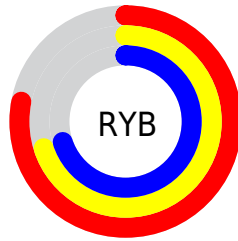
The Yxy color $47.5006, 0.3294, 0.3291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.0295, 0.2981, 0.3289$, and the grayscale version is $48.3409, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6748, 0.3263, 0.3290$, and $22.3574, 0.3345, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $39.3979, 0.3510, 0.3292$, and if you desaturate by 10%, it is $56.8571, 0.3121, 0.3290$.

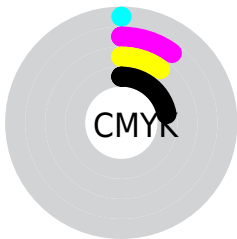
Distribution



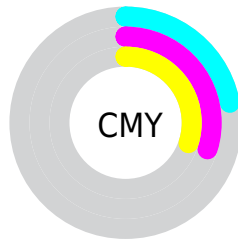
- Red (78%)
- Green (70%)
- Blue (70%)



- Red (78%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (22%)




- Cyan (22%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5006, 0.3294, 0.3291 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 47.5006, 0.3294, 0.3291 by changing the saturation by 10% instead.

 47.5006, 0.3294,
0.3291

 47.5006, 0.3294,
0.3291


376.8092, 0.3211,
0.3291

 33.4316, 0.3315,
0.3291


 86.4604, 0.3264,
0.3291

 22.4573, 0.3342,
0.3291


112.1199, 0.3252,
0.3291

 14.1933, 0.3377,
0.3290


142.4118, 0.3243,
0.3291

 8.2552, 0.3427,
0.3289

177.7203, 0.3234,
0.3291

 4.2587, 0.3503,
0.3287

218.4299, 0.3227,
0.3291

 1.8193, 0.3627,
0.3282

264.9250, 0.3221,

 0.4992, 0.4241,

0.3291

0.3308

317.5900, 0.3215,
0.3291

0.0000, 0.0000,
0.0000

47.5006, 0.3294,
0.3291

47.5006, 0.3294,
0.3291

39.3979, 0.3510,
0.3292

56.8571, 0.3121,
0.3290

32.4899, 0.3779,
0.3294

67.5109, 0.2983,
0.3289

26.7220, 0.4111,
0.3295

79.5111, 0.2871,
0.3288

22.0329, 0.4509,
0.3297

90.7469, 0.2794,
0.3289

18.3556, 0.4964,
0.3299

■ 15.6157, 0.5442,
0.3300

■ 13.7285, 0.5882,
0.3301

■ 12.5941, 0.6209,
0.3301

■ 12.0346, 0.6393,
0.3301

Harmonies

Analogous

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



47.5006, 0.3218, 0.3207



47.5006, 0.3294, 0.3291



47.5006, 0.3325, 0.3377

Triad

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



47.5006, 0.3294, 0.3291



47.5006, 0.3134, 0.3442



47.5006, 0.2955, 0.3139

Complementary

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



47.5006, 0.3294, 0.3291



54.0295, 0.2981, 0.3289

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.



47.5006, 0.2933, 0.3199



47.5006, 0.3294, 0.3291



47.5006, 0.3036, 0.3376

Square

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



47.5006, 0.3294, 0.3291



47.5006, 0.3232, 0.3466



47.5006, 0.2963, 0.3286



47.5006, 0.3022, 0.3119

Rectangle

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



47.5006, 0.3294, 0.3291



47.5006, 0.3315, 0.3423



47.5006, 0.2963, 0.3286



47.5006, 0.2942, 0.3155

Sweetspot

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



47.5027, 0.3294, 0.3291



94.7433, 0.3176, 0.3290



48.3100, 0.3138, 0.3057



19.9859, 0.3190, 0.3290



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.



47.5027, 0.3294, 0.3291



80.2271, 0.3345, 0.3291



51.4345, 0.3281, 0.3409



10.6407, 0.3289, 0.3291



7.8156, 0.6399, 0.3301



0.3714, 0.6392, 0.3307

Inverse Universe

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



54.0295, 0.2981, 0.3289



94.6075, 0.2943, 0.3289



49.8314, 0.2980, 0.3168



12.0633, 0.2984, 0.3289



28.7871, 0.2245, 0.3281



1.3644, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 47.5006, 0.3294, 0.3291 looks on a white background.

Color Contrast Check

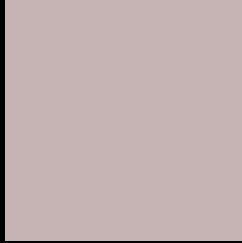
Large Text (above 18pt) WCAG AA × Fail

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 47.5006, 0.3294, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

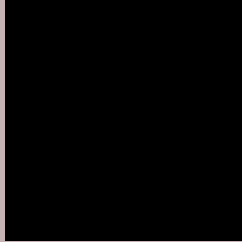
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5006, 0.3294, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 47.5006, 0.3294, 0.3291.



This preview shows how white text looks on a background with the Yxy color 47.5006, 0.3294, 0.3291.

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

47.5006, 0.3294, 0.3291

Protanopia

47.7680, 0.3177, 0.3316

Deuteranopia

47.3955, 0.3341, 0.3266



Tritanopia

47.4852, 0.3214, 0.3118

Trichromacy



Original Color

47.5006, 0.3294, 0.3291

Protanomaly

47.8276, 0.3220, 0.3316

Deuteranomaly

47.5130, 0.3322, 0.3278

Tritanomaly

47.5708, 0.3237, 0.3179

Monochromacy



Original Color

47.5006, 0.3294, 0.3291

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2330, 0.3187, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5006, 0.3294, 0.3291 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, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 179)  
}
```

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, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 179) }
```

Border

The CSS property to change the border of an element to Yxy 47.5006, 0.3294, 0.3291 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, 179, 179) }
```

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

```
.border{ border-color:rgb(198, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5006, 0.3294, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 179) }
```

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

```
.background{ background-color: rgb(198,  
179, 179) }
```

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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