

Converting Colors

$Y_{xy}(48.7986, 0.3328, 0.3414)$

Have a look what the booklet for
Yxy(48.7986, 0.3328, 0.3414)
contains.

Yxy(48.7544, 0.3329, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7544, 0.3329, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	C5B7AD
RGB	197, 183, 173
RGB Percent	77%, 72%, 68%
CMY	0.2275, 0.2823, 0.3217
CMYK	0.00, 0.07, 0.12, 0.23
HSL	25°, 17%, 73%
HSV	25°, 12%, 77%
XYZ	47.4988, 48.7544, 46.4287
YIQ	186.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

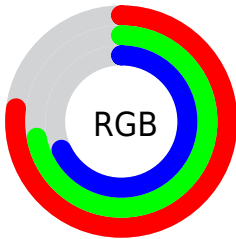
Format	Color
R_{YB}	197, 190, 173
Decimal	12957613
CIE Lab	75.30, 3.25, 6.88
CIE LCh	75, 7.607, 64.670
Yxy	48.7544, 0.3329, 0.3417
Android (android.graphics.Color)	4291147693 (0xFFC5B7AD)
YUV	186.0460, -6.4317, 9.6067
Hunter-Lab	69.8244, -0.7660, 9.4530

Details

The Yxy color $48.7544, 0.3329, 0.3417$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.4354, 0.2940, 0.3160$, and the grayscale version is $49.1616, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4053, 0.3297, 0.3399$, and $23.1854, 0.3382, 0.3444$ is the 20% darker color. If you saturate the color by 10%, you get $43.5089, 0.3524, 0.3528$, and if you desaturate by 10%, it is $54.5022, 0.3161, 0.3312$.

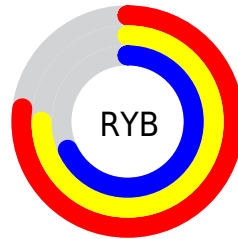
Distribution



Red (77%)

Green (72%)

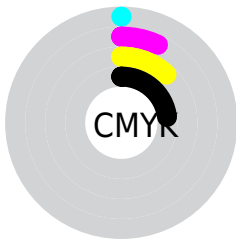
Blue (68%)



Red (77%)

Yellow (75%)

Blue (68%)

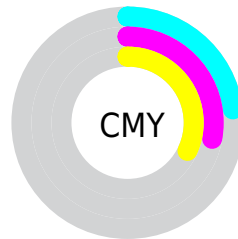


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7544, 0.3329, 0.3417 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 48.7544, 0.3329, 0.3417 by changing the saturation by 10% instead.


 48.7544, 0.3329,
0.3417

 48.7544, 0.3329,
0.3417


381.7746, 0.3228,
0.3355

 34.4247, 0.3354,
0.3432


 88.3266, 0.3293,
0.3395

 23.2201, 0.3386,
0.3452


114.3378, 0.3279,
0.3386

 14.7561, 0.3429,
0.3477


145.0117, 0.3267,
0.3379

 8.6484, 0.3488,
0.3512

180.7327, 0.3257,
0.3373

 4.5125, 0.3576,
0.3563

221.8850, 0.3249,
0.3367

 1.9642, 0.3720,
0.3644

268.8532, 0.3241,

 0.5866, 0.4611,

0.3363

0.4246

322.0216, 0.3234,
0.3358

0.0000, 0.0000,
0.0000

48.7544, 0.3329,
0.3417

48.7544, 0.3329,
0.3417

43.5089, 0.3524,
0.3528

54.5022, 0.3161,
0.3312

38.7453, 0.3748,
0.3641

60.7593, 0.3016,
0.3214

34.4508, 0.4003,
0.3753

67.5407, 0.2892,
0.3124

30.6100, 0.4286,
0.3856

74.8588, 0.2785,
0.3041

27.2063, 0.4590,
0.3940

81.6189, 0.2777,
0.3133

■ 24.2219, 0.4904,
0.3993

■ 88.5999, 0.2786,
0.3256

■ 21.6374, 0.5206,
0.4001

■ 90.6095, 0.2789,
0.3289

■ 19.4312, 0.5473,
0.3957

■ 17.9498, 0.5653,
0.3893

Harmonies

Analogous

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



48.7544, 0.3324, 0.3336



48.7544, 0.3329, 0.3417



48.7544, 0.3279, 0.3466

Triad

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



48.7544, 0.3329, 0.3417



48.7544, 0.2990, 0.3335



48.7544, 0.3063, 0.3119

Complementary

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



48.7544, 0.3329, 0.3417



48.4354, 0.2940, 0.3160

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.



48.7544, 0.2976, 0.3116



48.7544, 0.3329, 0.3417



48.7544, 0.2934, 0.3239

Square

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



48.7544, 0.3329, 0.3417



48.7544, 0.3083, 0.3420



48.7544, 0.2929, 0.3160



48.7544, 0.3169, 0.3166

Rectangle

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



48.7544, 0.3329, 0.3417



48.7544, 0.3222, 0.3473



48.7544, 0.2929, 0.3160



48.7544, 0.3031, 0.3113

Sweetspot

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



48.7566, 0.3329, 0.3417



95.6298, 0.3190, 0.3331



45.3341, 0.3224, 0.3115



20.2964, 0.3203, 0.3339



0.0000, 0.0000, 0.0000



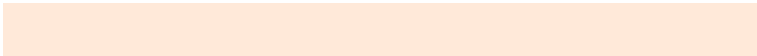
21.4041, 0.3127, 0.3290

Same Dimension

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



48.7566, 0.3329, 0.3417



84.3822, 0.3385, 0.3450



53.9123, 0.3310, 0.3564



11.3529, 0.3279, 0.3387



11.9642, 0.5631, 0.3911



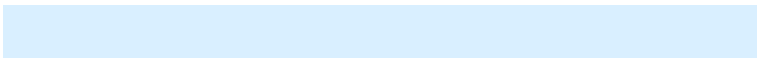
0.7090, 0.5260, 0.4205

Inverse Universe

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



48.4354, 0.2940, 0.3160



83.6778, 0.2892, 0.3124



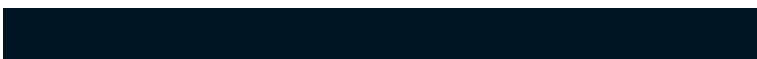
43.5630, 0.2937, 0.3001



11.2961, 0.2983, 0.3191



10.8388, 0.1854, 0.1874



0.6540, 0.1944, 0.2200

Previews

White Background



This preview shows how the Yxy color 48.7544, 0.3329, 0.3417 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 48.7544, 0.3329, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

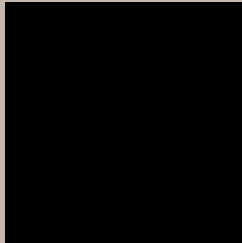
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

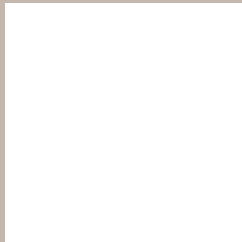
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7544, 0.3329, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 48.7544, 0.3329, 0.3417.



This preview shows how white text looks on a background with the Yxy color 48.7544, 0.3329, 0.3417.

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

48.7544, 0.3329, 0.3417

Protanopia

48.9604, 0.3274, 0.3431

Deuteranopia

48.7061, 0.3425, 0.3352



Tritanopia

48.8169, 0.3187, 0.3119

Trichromacy



Original Color

48.7544, 0.3329, 0.3417

Protanomaly

48.8063, 0.3293, 0.3417

Deuteranomaly

48.5359, 0.3388, 0.3365

Tritanomaly

48.7350, 0.3242, 0.3228

Monochromacy



Original Color

48.7544, 0.3329, 0.3417

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9813, 0.3201, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7544, 0.3329, 0.3417 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(197, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 173)  
}
```

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(197, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 48.7544, 0.3329, 0.3417 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(197, 183, 173) }
```

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

```
.border{ border-color:rgb(197, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7544, 0.3329, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 173) }
```

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

```
.background{ background-color: rgb(197,  
183, 173) }
```

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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