

Converting Colors

$Y_{xy}(43.3821, 0.3220, 0.3257)$

Have a look what the booklet for
Yxy(43.3821, 0.3220, 0.3257)
contains.

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Color

Yxy(43.4214, 0.3227, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BAADAF
RGB	186, 173, 175
RGB Percent	73%, 68%, 69%
CMY	0.2706, 0.3215, 0.3137
CMYK	0.00, 0.07, 0.06, 0.27
HSL	351°, 9%, 70%
HSV	351°, 7%, 73%
XYZ	42.9292, 43.4214, 46.6807
YIQ	177.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

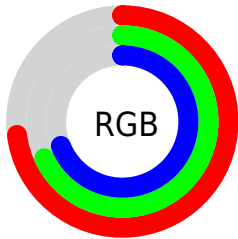
Format	Color
RYB	186, 173, 175
Decimal	12234159
CIELab	71.84, 5.01, 0.64
CIELCh	72, 5.046, 7.299
Yxy	43.4214, 0.3227, 0.3264
Android (android.graphics.Color)	4290424239 (0xFFBAADAF)
YUV	177.1150, -1.0427, 7.7921
Hunter-Lab	65.8949, 0.9730, 4.1248

Details

The Yxy color **43.4214, 0.3227, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.4572, 0.3036, 0.3316**, and the grayscale version is **44.0331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0772, 0.3211, 0.3270**, and **20.0914, 0.3253, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **36.1970, 0.3399, 0.3225**, and if you desaturate by 10%, it is **51.7145, 0.3088, 0.3301**.

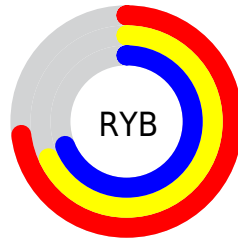
Distribution



Red (73%)

Green (68%)

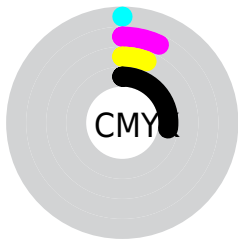
Blue (69%)



Red (73%)

Yellow (68%)

Blue (69%)

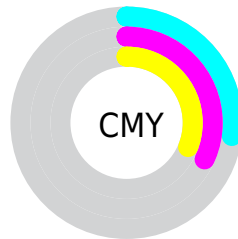


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4214, 0.3227, 0.3264 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 43.4214, 0.3227, 0.3264 by changing the saturation by 10% instead.


 43.4214, 0.3227,
0.3264

 43.4214, 0.3227,
0.3264


360.3419, 0.3176,
0.3277

 30.2159, 0.3240,
0.3261


 80.3464, 0.3208,
0.3269

 20.0025, 0.3256,
0.3256

104.8346, 0.3202,
0.3271

 12.3969, 0.3279,
0.3250


133.8526, 0.3196,
0.3272

 7.0146, 0.3311,
0.3241

167.7847, 0.3191,
0.3274

 3.4712, 0.3360,
0.3228

207.0153, 0.3186,
0.3275

 1.3824, 0.3443,
0.3205

251.9287, 0.3183,

 0.2037, 0.4534,

0.3276

0.2925

302.9095, 0.3179,
0.3277

0.0000, 0.0000,
0.0000

43.4214, 0.3227,
0.3264

43.4214, 0.3227,
0.3264

36.1970, 0.3399,
0.3225

51.7145, 0.3088,
0.3301

29.9925, 0.3611,
0.3183

61.1113, 0.2976,
0.3335

24.7634, 0.3872,
0.3142

71.6524, 0.2885,
0.3365

20.4600, 0.4188,
0.3104

83.3745, 0.2810,
0.3393

17.0281, 0.4558,
0.3075

89.0913, 0.2738,
0.3303

■ 14.4081, 0.4972,
0.3061

■ 89.1774, 0.2731,
0.3289

■ 12.5325, 0.5402,
0.3069

■ 11.3229, 0.5798,
0.3106

■ 10.6717, 0.6108,
0.3166

Harmonies

Analogous

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



43.4214, 0.3163, 0.3208



43.4214, 0.3227, 0.3264



43.4214, 0.3264, 0.3328

Triad

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



43.4214, 0.3227, 0.3264



43.4214, 0.3164, 0.3410



43.4214, 0.2992, 0.3197

Complementary

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



43.4214, 0.3227, 0.3264



47.4572, 0.3036, 0.3316

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.



43.4214, 0.2992, 0.3250



43.4214, 0.3227, 0.3264



43.4214, 0.3091, 0.3375

Square

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



43.4214, 0.3227, 0.3264



43.4214, 0.3227, 0.3413



43.4214, 0.3028, 0.3316



43.4214, 0.3027, 0.3169

Rectangle

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



43.4214, 0.3227, 0.3264



43.4214, 0.3269, 0.3366



43.4214, 0.3028, 0.3316



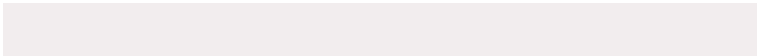
43.4214, 0.2988, 0.3212

Sweetspot

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



43.4233, 0.3227, 0.3264



85.9067, 0.3155, 0.3283



43.6035, 0.3116, 0.3121



18.9523, 0.3153, 0.3283



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.4233, 0.3227, 0.3264



77.1107, 0.3245, 0.3260



45.0314, 0.3239, 0.3347



9.0342, 0.3264, 0.3255



7.0890, 0.6160, 0.3167



0.2571, 0.5548, 0.2830

Inverse Universe

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



43.4233, 0.3227, 0.3264



77.1107, 0.3245, 0.3260



45.7467, 0.3021, 0.3232



9.0342, 0.3264, 0.3255



7.0890, 0.6160, 0.3167



0.2571, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 43.4214, 0.3227, 0.3264 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 43.4214, 0.3227, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

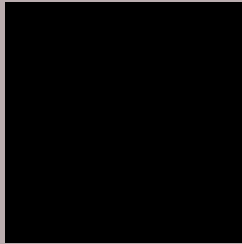
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4214, 0.3227, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 43.4214, 0.3227, 0.3264.



This preview shows how white text looks on a background with the Yxy color 43.4214, 0.3227, 0.3264.

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

43.4214, 0.3227, 0.3264

Protanopia

43.3782, 0.3154, 0.3277

Deuteranopia

43.2215, 0.3286, 0.3213



Tritanopia

43.1934, 0.3154, 0.3109

Trichromacy



Original Color

43.4214, 0.3227, 0.3264

Protanomaly

43.3518, 0.3182, 0.3264

Deuteranomaly

43.2076, 0.3257, 0.3225

Tritanomaly

43.4060, 0.3186, 0.3173

Monochromacy



Original Color

43.4214, 0.3227, 0.3264

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8886, 0.3162, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4214, 0.3227, 0.3264 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(186, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 175)  
}
```

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(186, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.4214, 0.3227, 0.3264 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(186, 173, 175) }
```

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

```
.border{ border-color:rgb(186, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4214, 0.3227, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 175) }
```

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

```
.background{ background-color: rgb(186,  
173, 175) }
```

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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