

Converting Colors

$Y_{xy}(42.3275, 0.3266, 0.3270)$

Have a look what the booklet for
Yxy(42.3275, 0.3266, 0.3270)
contains.

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Color

Yxy(42.2928, 0.3266, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BBAAC
RGB	187, 170, 172
RGB Percent	73%, 67%, 67%
CMY	0.2666, 0.3333, 0.3255
CMYK	0.00, 0.09, 0.08, 0.27
HSL	353°, 11%, 70%
HSV	353°, 9%, 73%
XYZ	42.3187, 42.2928, 44.9620
YIQ	175.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

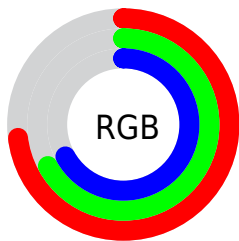
Format	Color
R _Y B	187, 170, 172
Decimal	12298924
CIE Lab	71.07, 6.49, 1.19
CIE LCh	71, 6.596, 10.406
Yxy	42.2928, 0.3266, 0.3264
Android (android.graphics.Color)	4290489004 (0xFFBBAAC)
YUV	175.3110, -1.6323, 10.2513
Hunter-Lab	65.0329, 2.3473, 4.5315

Details

The Yxy color **42.2928, 0.3266, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6001, 0.3003, 0.3316**, and the grayscale version is **43.0463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4512, 0.3241, 0.3270**, and **19.3813, 0.3308, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **35.1793, 0.3454, 0.3234**, and if you desaturate by 10%, it is **50.4863, 0.3115, 0.3292**.

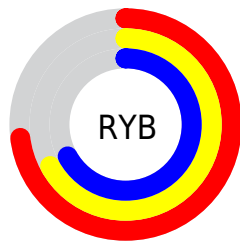
Distribution



Red (73%)

Green (67%)

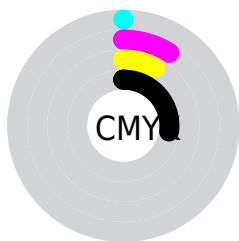
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

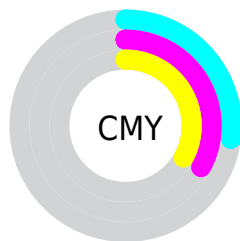


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2928, 0.3266, 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 42.2928, 0.3266, 0.3264 by changing the saturation by 10% instead.


 42.2928, 0.3266,
0.3264

 42.2928, 0.3266,
0.3264


355.6953, 0.3195,
0.3278

 29.3306, 0.3284,
0.3260


 78.6426, 0.3240,
0.3269

 19.3311, 0.3308,
0.3256


102.7990, 0.3230,
0.3271

 11.9098, 0.3339,
0.3249


131.4556, 0.3222,
0.3272

 6.6823, 0.3385,
0.3240

164.9967, 0.3215,
0.3274

 3.2642, 0.3455,
0.3226

203.8069, 0.3209,
0.3275

 1.2712, 0.3577,
0.3199

248.2705, 0.3204,

 0.1187, 0.6222,

0.3276

0.2724

298.7718, 0.3199,
0.3277

0.0000, 0.0000,
0.0000

42.2928, 0.3266,
0.3264

42.2928, 0.3266,
0.3264

35.1793, 0.3454,
0.3234

50.4863, 0.3115,
0.3292

29.0953, 0.3686,
0.3202

59.7963, 0.2993,
0.3319

23.9950, 0.3971,
0.3171

70.2646, 0.2894,
0.3342

19.8264, 0.4315,
0.3144

81.9291, 0.2814,
0.3364

16.5333, 0.4714,
0.3125

89.2763, 0.2739,
0.3294

■ 14.0529, 0.5151,
0.3120

■ 89.3078, 0.2737,
0.3289

■ 12.3144, 0.5587,
0.3134

■ 11.2346, 0.5966,
0.3171

■ 10.6680, 0.6237,
0.3218

Harmonies

Analogous

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



42.2928, 0.3184, 0.3189



42.2928, 0.3266, 0.3264



42.2928, 0.3311, 0.3347

Triad

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



42.2928, 0.3266, 0.3264



42.2928, 0.3165, 0.3446



42.2928, 0.2952, 0.3161

Complementary

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



42.2928, 0.3266, 0.3264



47.6001, 0.3003, 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.



42.2928, 0.2947, 0.3229



42.2928, 0.3266, 0.3264



42.2928, 0.3069, 0.3395

Square

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



42.2928, 0.3266, 0.3264



42.2928, 0.3252, 0.3454



42.2928, 0.2990, 0.3315



42.2928, 0.3003, 0.3129

Rectangle

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



42.2928, 0.3266, 0.3264



42.2928, 0.3313, 0.3397



42.2928, 0.2990, 0.3315



42.2928, 0.2945, 0.3180

Sweetspot

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



42.2947, 0.3266, 0.3264



84.3748, 0.3171, 0.3282



42.6208, 0.3117, 0.3069



18.3171, 0.3183, 0.3279



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.



42.2947, 0.3266, 0.3264



72.9305, 0.3302, 0.3258



44.6149, 0.3275, 0.3372



9.5541, 0.3270, 0.3263



7.3249, 0.6237, 0.3210



0.2930, 0.5754, 0.2943

Inverse Universe

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



42.2947, 0.3266, 0.3264



72.9305, 0.3302, 0.3258



45.0932, 0.2988, 0.3206



9.5541, 0.3270, 0.3263



7.3249, 0.6237, 0.3210



0.2930, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 42.2928, 0.3266, 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 42.2928, 0.3266, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

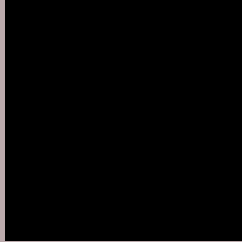
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2928, 0.3266, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 42.2928, 0.3266, 0.3264.



This preview shows how white text looks on a background with the Yxy color 42.2928, 0.3266, 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

42.2928, 0.3266, 0.3264

Protanopia

42.2902, 0.3155, 0.3277

Deuteranopia

42.0602, 0.3306, 0.3238



Tritanopia

42.0740, 0.3190, 0.3108

Trichromacy



Original Color

42.2928, 0.3266, 0.3264

Protanomaly

42.3459, 0.3200, 0.3277

Deuteranomaly

42.3016, 0.3295, 0.3251

Tritanomaly

42.2817, 0.3224, 0.3173

Monochromacy



Original Color

42.2928, 0.3266, 0.3264

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5268, 0.3173, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2928, 0.3266, 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(187, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 172)  
}
```

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(187, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 172) }
```

Border

The CSS property to change the border of an element to Yxy 42.2928, 0.3266, 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(187, 170, 172) }
```

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

```
.border{ border-color:rgb(187, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2928, 0.3266, 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(187, 170, 172) }
```

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

```
.background{ background-color: rgb(187,  
170, 172) }
```

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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