

Converting Colors

$Y_{xy}(45.0829, 0.3269, 0.3269)$

Have a look what the booklet for
Yxy(45.0829, 0.3269, 0.3269)
contains.

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Color

Yxy(45.0407, 0.3262, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFB1
RGB	192, 175, 177
RGB Percent	75%, 69%, 69%
CMY	0.2471, 0.3137, 0.3059
CMYK	0.00, 0.09, 0.08, 0.25
HSL	353°, 12%, 72%
HSV	353°, 9%, 75%
XYZ	44.9993, 45.0407, 47.9101
YIQ	180.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

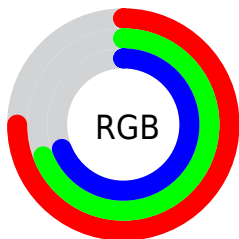
Format	Color
RYB	192, 175, 177
Decimal	12627889
CIELab	72.92, 6.43, 1.19
CIELCh	73, 6.535, 10.478
Yxy	45.0407, 0.3262, 0.3265
Android (android.graphics.Color)	4290817969 (0xFFC0AFB1)
YUV	180.3110, -1.6323, 10.2513
Hunter-Lab	67.1124, 2.2389, 4.6528

Details

The Yxy color $45.0407, 0.3262, 0.3265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.5246, 0.3007, 0.3315$, and the grayscale version is $45.8222, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9915, 0.3231, 0.3270$, and $21.0244, 0.3301, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $37.4576, 0.3449, 0.3235$, and if you desaturate by 10%, it is $53.7743, 0.3111, 0.3293$.

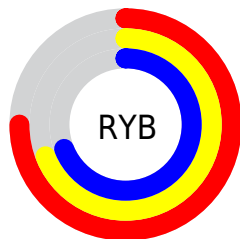
Distribution



Red (75%)

Green (69%)

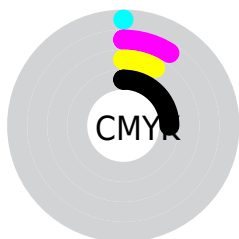
Blue (69%)



Red (75%)

Yellow (69%)

Blue (69%)

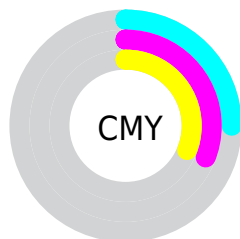


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (25%)



Cyan (25%)

Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0407, 0.3262, 0.3265 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 45.0407, 0.3262, 0.3265 by changing the saturation by 10% instead.


 45.0407, 0.3262,
0.3265

 45.0407, 0.3262,
0.3265


366.9384, 0.3194,
0.3278

 31.4895, 0.3279,
0.3262


 82.7815, 0.3237,
0.3270

 20.9719, 0.3301,
0.3257


107.7398, 0.3228,
0.3272

 13.1034, 0.3331,
0.3251


137.2694, 0.3220,
0.3273

 7.4998, 0.3373,
0.3243

171.7545, 0.3213,
0.3274

 3.7766, 0.3437,
0.3230

211.5795, 0.3208,
0.3275

 1.5494, 0.3544,
0.3207

257.1289, 0.3203,

 0.3231, 0.4394,

0.3276

0.3060

308.7871, 0.3198,
0.3277

0.0000, 0.0000,
0.0000

45.0407, 0.3262,
0.3265

45.0407, 0.3262,
0.3265

37.4576, 0.3449,
0.3235

53.7743, 0.3111,
0.3293

30.9715, 0.3681,
0.3204

63.6973, 0.2990,
0.3319

25.5332, 0.3966,
0.3173

74.8542, 0.2891,
0.3342

21.0877, 0.4310,
0.3146

87.2853, 0.2811,
0.3364

17.5749, 0.4709,
0.3127

89.9441, 0.2762,
0.3289

■ 14.9282, 0.5148,
0.3121

■ 13.0722, 0.5585,
0.3136

■ 11.9183, 0.5965,
0.3172

■ 11.3198, 0.6237,
0.3220

Harmonies

Analogous

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



45.0407, 0.3182, 0.3192



45.0407, 0.3262, 0.3265



45.0407, 0.3305, 0.3346

Triad

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



45.0407, 0.3262, 0.3265



45.0407, 0.3164, 0.3442



45.0407, 0.2957, 0.3165

Complementary

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



45.0407, 0.3262, 0.3265



50.5246, 0.3007, 0.3315

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.



45.0407, 0.2952, 0.3230



45.0407, 0.3262, 0.3265



45.0407, 0.3071, 0.3392

Square

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



45.0407, 0.3262, 0.3265



45.0407, 0.3248, 0.3449



45.0407, 0.2994, 0.3314



45.0407, 0.3006, 0.3134

Rectangle

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



45.0407, 0.3262, 0.3265



45.0407, 0.3307, 0.3394



45.0407, 0.2994, 0.3314



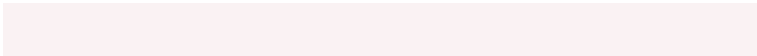
45.0407, 0.2950, 0.3183

Sweetspot

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



45.0427, 0.3262, 0.3265



90.5377, 0.3171, 0.3282



45.4171, 0.3120, 0.3075



19.1467, 0.3183, 0.3279



97.7402, 0.3127, 0.3290



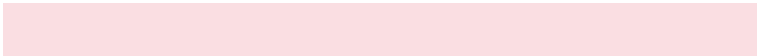
20.4902, 0.3127, 0.3290

Same Dimension

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



45.0427, 0.3262, 0.3265



78.2364, 0.3302, 0.3258



47.5582, 0.3270, 0.3374



10.0965, 0.3271, 0.3263



7.5868, 0.6242, 0.3212



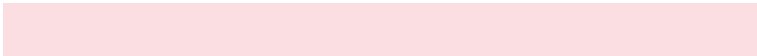
0.3343, 0.5789, 0.2962

Inverse Universe

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



45.0427, 0.3262, 0.3265



78.2364, 0.3302, 0.3258



47.8181, 0.2992, 0.3205



10.0965, 0.3271, 0.3263



7.5868, 0.6242, 0.3212



0.3343, 0.5789, 0.2962

Previews

White Background



This preview shows how the Yxy color 45.0407, 0.3262, 0.3265 looks on a white background.

Color Contrast Check

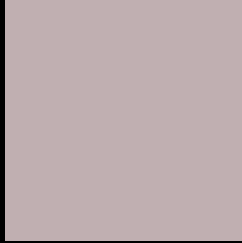
Large Text (above 18pt) WCAG AA × Fail

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 45.0407, 0.3262, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

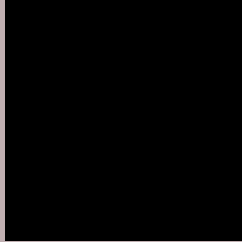
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0407, 0.3262, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 45.0407, 0.3262, 0.3265.



This preview shows how white text looks on a background with the Yxy color 45.0407, 0.3262, 0.3265.

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

45.0407, 0.3262, 0.3265

Protanopia

45.0405, 0.3154, 0.3277

Deuteranopia

44.9318, 0.3310, 0.3240



Tritanopia

44.8125, 0.3189, 0.3113

Trichromacy



Original Color

45.0407, 0.3262, 0.3265

Protanomaly

45.0977, 0.3198, 0.3277

Deuteranomaly

45.0485, 0.3290, 0.3252

Tritanomaly

45.0285, 0.3221, 0.3176

Monochromacy



Original Color

45.0407, 0.3262, 0.3265

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2858, 0.3171, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0407, 0.3262, 0.3265 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(192, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 177)  
}
```

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(192, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.0407, 0.3262, 0.3265 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(192, 175, 177) }
```

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

```
.border{ border-color:rgb(192, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0407, 0.3262, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 177) }
```

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

```
.background{ background-color: rgb(192,  
175, 177) }
```

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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