

Converting Colors

$Y_{xy}(45.3989, 0.3244, 0.3237)$

Have a look what the booklet for
Yxy(45.3989, 0.3244, 0.3237)
contains.

Yxy(45.2927, 0.3246, 0.3227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.2927, 0.3246, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C1AFB4
RGB	193, 175, 180
RGB Percent	76%, 69%, 71%
CMY	0.2431, 0.3137, 0.2942
CMYK	0.00, 0.09, 0.07, 0.24
HSL	343°, 13%, 72%
HSV	343°, 9%, 76%
XYZ	45.5594, 45.2927, 49.5034
YIQ	180.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

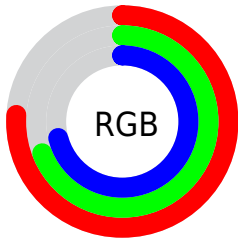
Format	Color
RYB	193, 175, 180
Decimal	12693428
CIELab	73.08, 7.32, -0.19
CIELCh	73, 7.325, 358.481
Yxy	45.2927, 0.3246, 0.3227
Android (android.graphics.Color)	4290883508 (0xFFC1AFB4)
YUV	180.9520, -0.4693, 10.5661
Hunter-Lab	67.2999, 3.0628, 3.4983

Details

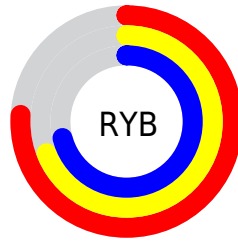
The Yxy color `45.2927, 0.3246, 0.3227` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.8915, 0.3021, 0.3354`, and the grayscale version is `46.1806, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.5320, 0.3225, 0.3241`, and `21.1872, 0.3278, 0.3221` is the 20% darker color. If you saturate the color by 10%, you get `37.7692, 0.3401, 0.3155`, and if you desaturate by 10%, it is `53.9515, 0.3119, 0.3294`.

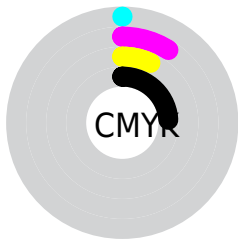
Distribution



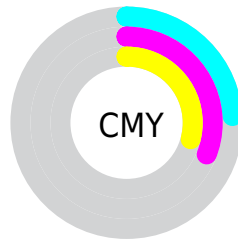
- Red (76%)
- Green (69%)
- Blue (71%)



- Red (76%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2927, 0.3246, 0.3227 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 45.2927, 0.3246, 0.3227 by changing the saturation by 10% instead.


 45.2927, 0.3246,
0.3227

 45.2927, 0.3246,
0.3227


367.9577, 0.3186,
0.3259

 31.6880, 0.3261,
0.3219


 83.1595, 0.3224,
0.3239

 21.1233, 0.3280,
0.3209


108.1904, 0.3216,
0.3243

 13.2142, 0.3306,
0.3195


137.7988, 0.3209,
0.3247

 7.5762, 0.3343,
0.3176

172.3691, 0.3203,
0.3250

 3.8250, 0.3398,
0.3146

212.2858, 0.3198,
0.3252

 1.5762, 0.3491,
0.3097

257.9332, 0.3194,

 0.3414, 0.4091,

0.3255

0.2776

309.6957, 0.3190,
0.3257

0.0000, 0.0000,
0.0000

45.2927, 0.3246,
0.3227

45.2927, 0.3246,
0.3227

37.7692, 0.3401,
0.3155

53.9515, 0.3119,
0.3294

31.3281, 0.3592,
0.3081

63.7838, 0.3016,
0.3357

25.9209, 0.3823,
0.3007

74.8336, 0.2932,
0.3414

21.4933, 0.4100,
0.2939

87.1407, 0.2863,
0.3466

17.9861, 0.4422,
0.2885

89.7528, 0.2793,
0.3343

■ 15.3332, 0.4782,
0.2855

■ 90.0787, 0.2768,
0.3289

■ 13.4602, 0.5159,
0.2860

■ 12.2792, 0.5520,
0.2909

■ 11.6345, 0.5834,
0.2993

Harmonies

Analogous

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



45.2927, 0.3147, 0.3155



45.2927, 0.3246, 0.3227



45.2927, 0.3313, 0.3316

Triad

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



45.2927, 0.3246, 0.3227



45.2927, 0.3208, 0.3469



45.2927, 0.2929, 0.3175

Complementary

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



45.2927, 0.3246, 0.3227



50.8915, 0.3021, 0.3354

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.



45.2927, 0.2945, 0.3259



45.2927, 0.3246, 0.3227



45.2927, 0.3105, 0.3431

Square

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



45.2927, 0.3246, 0.3227



45.2927, 0.3291, 0.3457



45.2927, 0.3009, 0.3354



45.2927, 0.2965, 0.3124

Rectangle

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



45.2927, 0.3246, 0.3227



45.2927, 0.3331, 0.3375



45.2927, 0.3009, 0.3354



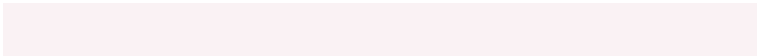
45.2927, 0.2928, 0.3200

Sweetspot

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



45.2947, 0.3246, 0.3227



90.6102, 0.3163, 0.3270



45.1924, 0.3094, 0.3061



19.1662, 0.3174, 0.3264



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.



45.2947, 0.3246, 0.3227



78.4792, 0.3272, 0.3214



46.6366, 0.3283, 0.3340



10.1225, 0.3247, 0.3227



7.7247, 0.5821, 0.2980



0.3458, 0.5163, 0.2618

Inverse Universe

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



45.2947, 0.3246, 0.3227



78.4792, 0.3272, 0.3214



49.4071, 0.2985, 0.3239



10.1225, 0.3247, 0.3227



7.7247, 0.5821, 0.2980



0.3458, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 45.2927, 0.3246, 0.3227 looks on a white background.

Color Contrast Check

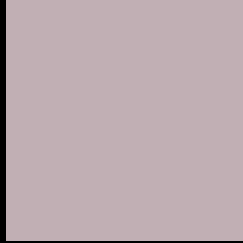
Large Text (above 18pt) WCAG AA × Fail

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 45.2927, 0.3246, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

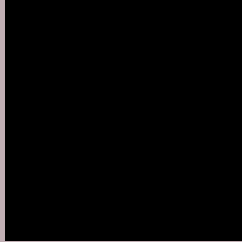
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

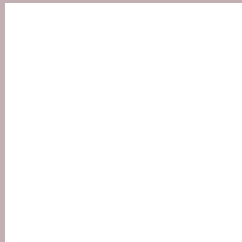
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2927, 0.3246, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 45.2927, 0.3246, 0.3227.



This preview shows how white text looks on a background with the Yxy color 45.2927, 0.3246, 0.3227.

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

45.2927, 0.3246, 0.3227

Protanopia

45.5627, 0.3129, 0.3251

Deuteranopia

45.3032, 0.3274, 0.3214



Tritanopia

45.3293, 0.3197, 0.3126

Trichromacy



Original Color

45.2927, 0.3246, 0.3227

Protanomaly

45.6161, 0.3172, 0.3251

Deuteranomaly

45.1695, 0.3265, 0.3214

Tritanomaly

45.2021, 0.3222, 0.3164

Monochromacy



Original Color

45.2927, 0.3246, 0.3227

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8907, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2927, 0.3246, 0.3227 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(193, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 180)  
}
```

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(193, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 180) }
```

Border

The CSS property to change the border of an element to Yxy 45.2927, 0.3246, 0.3227 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(193, 175, 180) }
```

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

```
.border{ border-color:rgb(193, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(193, 175,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2927, 0.3246, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 180) }
```

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

```
.background{ background-color: rgb(193,  
175, 180) }
```

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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