

Converting Colors

$Y_{xy}(45.2564, 0.3234, 0.3237)$

Have a look what the booklet for
Yxy(45.2564, 0.3234, 0.3237)
contains.

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Color

Yxy(45.0316, 0.3228, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	BFAFB4
RGB	191, 175, 180
RGB Percent	75%, 69%, 71%
CMY	0.2509, 0.3137, 0.2941
CMYK	0.00, 0.08, 0.06, 0.25
HSL	341°, 11%, 72%
HSV	341°, 8%, 75%
XYZ	45.0595, 45.0316, 49.4985
YIQ	180.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

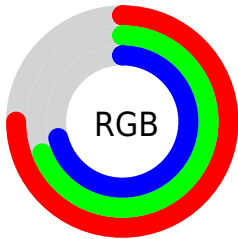
Format	Color
R_{YB}	191, 175, 180
Decimal	12562356
CIE Lab	72.91, 6.63, -0.48
CIE LCh	73, 6.643, 355.814
Yxy	45.0316, 0.3228, 0.3226
Android (android.graphics.Color)	4290752436 (0xFFBFAFB4)
YUV	180.3540, -0.1745, 9.3365
Hunter-Lab	67.1056, 2.4230, 3.2404

Details

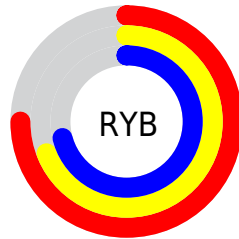
The Yxy color $45.0316, 0.3228, 0.3226$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.9337, 0.3036, 0.3355$, and the grayscale version is $45.8425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9821, 0.3205, 0.3240$, and $21.1015, 0.3265, 0.3221$ is the 20% darker color. If you saturate the color by 10%, you get $37.6060, 0.3373, 0.3145$, and if you desaturate by 10%, it is $53.5638, 0.3110, 0.3302$.

Distribution



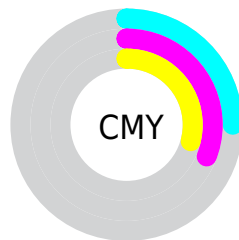
- Red (75%)
- Green (69%)
- Blue (71%)



- Red (75%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (25%)





- Cyan (25%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0316, 0.3228, 0.3226 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 45.0316, 0.3228, 0.3226 by changing the saturation by 10% instead.


 45.0316, 0.3228,
0.3226

 45.0316, 0.3228,
0.3226


366.9015, 0.3177,
0.3258

 31.4823, 0.3241,
0.3218


 82.7678, 0.3210,
0.3238

 20.9664, 0.3257,
0.3207


107.7236, 0.3203,
0.3242

 13.0994, 0.3279,
0.3194


137.2502, 0.3197,
0.3246

 7.4971, 0.3310,
0.3174

171.7322, 0.3192,
0.3249

 3.7749, 0.3357,
0.3144

211.5540, 0.3187,
0.3252

 1.5484, 0.3436,
0.3095

257.0999, 0.3184,

 0.3225, 0.3983,

0.3254

0.2743

308.7542, 0.3180,
0.3256

0.0000, 0.0000,
0.0000

45.0316, 0.3228,
0.3226

45.0316, 0.3228,
0.3226

37.6060, 0.3373,
0.3145

53.5638, 0.3110,
0.3302

31.2358, 0.3550,
0.3061

63.2393, 0.3013,
0.3372

25.8744, 0.3764,
0.2978

74.1006, 0.2934,
0.3436

21.4694, 0.4021,
0.2899

86.1861, 0.2869,
0.3495

17.9640, 0.4320,
0.2834

89.2344, 0.2804,
0.3389

■ 15.2949, 0.4655,
0.2793

■ 89.8202, 0.2757,
0.3289

■ 13.3906, 0.5011,
0.2789

■ 12.1675, 0.5361,
0.2830

■ 11.4922, 0.5676,
0.2913

Harmonies

Analogous

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



45.0316, 0.3137, 0.3162



45.0316, 0.3228, 0.3226



45.0316, 0.3293, 0.3307

Triad

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



45.0316, 0.3228, 0.3226



45.0316, 0.3209, 0.3454



45.0316, 0.2946, 0.3192

Complementary

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



45.0316, 0.3228, 0.3226



49.9337, 0.3036, 0.3355

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.



45.0316, 0.2965, 0.3270



45.0316, 0.3228, 0.3226



45.0316, 0.3116, 0.3423

Square

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



45.0316, 0.3228, 0.3226



45.0316, 0.3281, 0.3439



45.0316, 0.3026, 0.3355



45.0316, 0.2975, 0.3142

Rectangle

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



45.0316, 0.3228, 0.3226



45.0316, 0.3311, 0.3360



45.0316, 0.3026, 0.3355



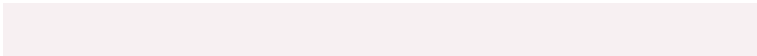
45.0316, 0.2947, 0.3215

Sweetspot

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



45.0336, 0.3228, 0.3226



88.5422, 0.3162, 0.3267



44.8539, 0.3093, 0.3084



19.1707, 0.3171, 0.3261



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.



45.0336, 0.3228, 0.3226



78.1401, 0.3251, 0.3212



45.9898, 0.3267, 0.3328



9.5842, 0.3241, 0.3219



7.5043, 0.5689, 0.2907



0.3061, 0.4991, 0.2523

Inverse Universe

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



45.0336, 0.3228, 0.3226



78.1401, 0.3251, 0.3212



48.8810, 0.2999, 0.3251



9.5842, 0.3241, 0.3219



7.5043, 0.5689, 0.2907



0.3061, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 45.0316, 0.3228, 0.3226 looks on a white background.

Color Contrast Check

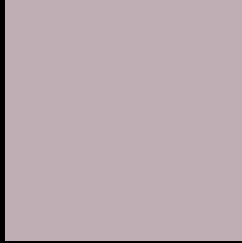
Large Text (above 18pt) WCAG AA × Fail

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 45.0316, 0.3228, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

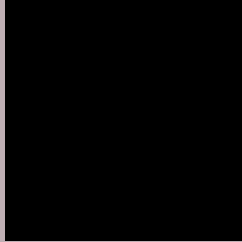
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0316, 0.3228, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 45.0316, 0.3228, 0.3226.



This preview shows how white text looks on a background with the Yxy color 45.0316, 0.3228, 0.3226.

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

45.0316, 0.3228, 0.3226

Protanopia

45.0419, 0.3121, 0.3238

Deuteranopia

44.9182, 0.3275, 0.3202



Tritanopia

45.0664, 0.3179, 0.3125

Trichromacy



Original Color

45.0316, 0.3228, 0.3226

Protanomaly

45.0948, 0.3165, 0.3238

Deuteranomaly

45.0367, 0.3256, 0.3214

Tritanomaly

44.9393, 0.3204, 0.3163

Monochromacy



Original Color

45.0316, 0.3228, 0.3226

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3264, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0316, 0.3228, 0.3226 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(191, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 180) }
```

Border

The CSS property to change the border of an element to Yxy 45.0316, 0.3228, 0.3226 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(191, 175, 180) }
```

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

```
.border{ border-color:rgb(191, 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(191, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 175,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0316, 0.3228, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 180) }
```

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

```
.background{ background-color: rgb(191,  
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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