

Converting Colors

$Yxy(45.1353, 0.3227, 0.3124)$

Have a look what the booklet for
Yxy(45.1353, 0.3227, 0.3124)
contains.

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Color

Yxy(45.1681, 0.3224, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADBA
RGB	196, 173, 186
RGB Percent	77%, 68%, 73%
CMY	0.2314, 0.3215, 0.2707
CMYK	0.00, 0.12, 0.05, 0.23
HSL	326°, 16%, 72%
HSV	326°, 12%, 77%
XYZ	46.5692, 45.1681, 52.7082
YIQ	181.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

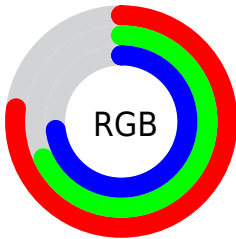
Format	Color
R_{YB}	196, 173, 186
Decimal	12889530
CIE _{Lab}	73.00, 10.54, -3.58
CIE _{LCh}	73, 11.137, 341.224
Yxy	45.1681, 0.3224, 0.3127
Android (android.graphics.Color)	4291079610 (0xFFC4ADBA)
YUV	181.3590, 2.2880, 12.8402
Hunter-Lab	67.2072, 6.0736, 0.5461

Details

The Yxy color $45.1681, 0.3224, 0.3127$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.7837, 0.3041, 0.3459$, and the grayscale version is $46.3968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7803, 0.3209, 0.3152$, and $21.1190, 0.3248, 0.3086$ is the 20% darker color. If you saturate the color by 10%, you get $37.8439, 0.3324, 0.2981$, and if you desaturate by 10%, it is $53.6206, 0.3140, 0.3267$.

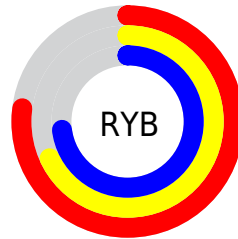
Distribution



Red (77%)

Green (68%)

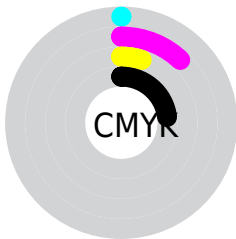
Blue (73%)



Red (77%)

Yellow (68%)

Blue (73%)

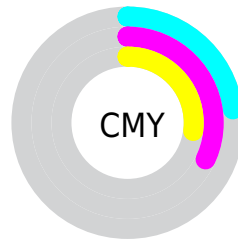


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1681, 0.3224, 0.3127 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 45.1681, 0.3224, 0.3127 by changing the saturation by 10% instead.


 45.1681, 0.3224,
0.3127

 45.1681, 0.3224,
0.3127


367.4539, 0.3176,
0.3208

 31.5899, 0.3236,
0.3107


 82.9726, 0.3207,
0.3156

 21.0484, 0.3251,
0.3081


107.9677, 0.3200,
0.3167

 13.1594, 0.3272,
0.3047


137.5371, 0.3194,
0.3177

 7.5384, 0.3300,
0.3000

172.0653, 0.3190,
0.3185

 3.8010, 0.3342,
0.2930

211.9367, 0.3186,
0.3192

 1.5629, 0.3412,
0.2815

257.5357, 0.3182,

 0.3324, 0.3776,

0.3198

0.2189

309.2466, 0.3179,
0.3203

0.0000, 0.0000,
0.0000

45.1681, 0.3224,
0.3127

45.1681, 0.3224,
0.3127

37.8439, 0.3324,
0.2981

53.6206, 0.3140,
0.3267

31.5938, 0.3443,
0.2832

63.2408, 0.3070,
0.3398

26.3682, 0.3582,
0.2685

74.0733, 0.3013,
0.3520

22.1111, 0.3742,
0.2548

86.1587, 0.2965,
0.3632

18.7609, 0.3922,
0.2432

88.8943, 0.2920,
0.3574

■ 16.2493, 0.4118,
0.2347

■ 89.3821, 0.2875,
0.3480

■ 14.4977, 0.4323,
0.2307

■ 89.8937, 0.2831,
0.3387

■ 13.4127, 0.4528,
0.2318

■ 90.4295, 0.2787,
0.3297

■ 12.8748, 0.4695,
0.2360

■ 90.4754, 0.2784,
0.3289

Harmonies

Analogous

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



45.1681, 0.3064, 0.3046



45.1681, 0.3224, 0.3127



45.1681, 0.3360, 0.3250

Triad

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



45.1681, 0.3224, 0.3127



45.1681, 0.3329, 0.3563



45.1681, 0.2831, 0.3182

Complementary

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



45.1681, 0.3224, 0.3127



51.7837, 0.3041, 0.3459

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.



45.1681, 0.2898, 0.3325



45.1681, 0.3224, 0.3127



45.1681, 0.3184, 0.3550

Square

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



45.1681, 0.3224, 0.3127



45.1681, 0.3421, 0.3500



45.1681, 0.3027, 0.3462



45.1681, 0.2841, 0.3074

Rectangle

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



45.1681, 0.3224, 0.3127



45.1681, 0.3417, 0.3341



45.1681, 0.3027, 0.3462



45.1681, 0.2845, 0.3228

Sweetspot

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



45.1701, 0.3224, 0.3127



93.3810, 0.3158, 0.3235



43.9392, 0.3028, 0.2995



19.7293, 0.3165, 0.3224



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



45.1701, 0.3224, 0.3127



78.3383, 0.3247, 0.3091



44.7027, 0.3322, 0.3271



10.1710, 0.3203, 0.3161



8.2904, 0.4669, 0.2346



0.3718, 0.4258, 0.2119

Inverse Universe

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



45.1701, 0.3224, 0.3127



78.3383, 0.3247, 0.3091



52.2798, 0.2960, 0.3309



10.1710, 0.3203, 0.3161



8.2904, 0.4669, 0.2346



0.3718, 0.4258, 0.2119

Previews

White Background



This preview shows how the Yxy color 45.1681, 0.3224, 0.3127 looks on a white background.

Color Contrast Check

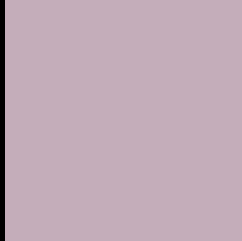
Large Text (above 18pt) WCAG AA × Fail

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 45.1681, 0.3224, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

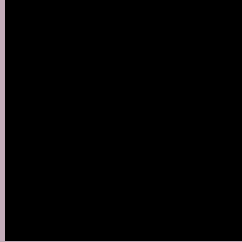
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1681, 0.3224, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 45.1681, 0.3224, 0.3127.



This preview shows how white text looks on a background with the Yxy color 45.1681, 0.3224, 0.3127.

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

45.1681, 0.3224, 0.3127

Protanopia

45.2182, 0.3057, 0.3147

Deuteranopia

45.2866, 0.3205, 0.3139



Tritanopia

45.1681, 0.3224, 0.3127

Trichromacy



Original Color

45.1681, 0.3224, 0.3127

Protanomaly

45.1206, 0.3117, 0.3136

Deuteranomaly

45.4194, 0.3214, 0.3139

Tritanomaly

45.1681, 0.3224, 0.3127

Monochromacy



Original Color

45.1681, 0.3224, 0.3127

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6988, 0.3156, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1681, 0.3224, 0.3127 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(196, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 186)  
}
```

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(196, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.1681, 0.3224, 0.3127 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(196, 173, 186) }
```

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

```
.border{ border-color:rgb(196, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1681, 0.3224, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 186) }
```

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

```
.background{ background-color: rgb(196,  
173, 186) }
```

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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