

Converting Colors

$Yxy(45.5325, 0.3377, 0.3344)$

Have a look what the booklet for
Yxy(45.5325, 0.3377, 0.3344)
contains.

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Color

Yxy(45.6060, 0.3368, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C6AFAB
RGB	198, 175, 171
RGB Percent	78%, 69%, 67%
CMY	0.2237, 0.3137, 0.3295
CMYK	0.00, 0.12, 0.14, 0.22
HSL	9°, 19%, 72%
HSV	9°, 14%, 78%
XYZ	45.9608, 45.6060, 44.8964
YIQ	181.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

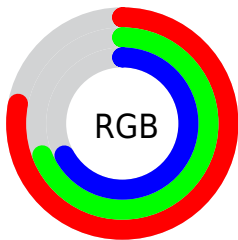
Format	Color
RYB	198, 176, 171
Decimal	13021099
CIELab	73.29, 7.58, 5.09
CIElCh	73, 9.132, 33.843
Yxy	45.6060, 0.3368, 0.3342
Android (android.graphics.Color)	4291211179 (0xFFC6AFAB)
YUV	181.4210, -5.1376, 14.5398
Hunter-Lab	67.5322, 3.3014, 7.8557

Details

The Yxy color **45.6060, 0.3368, 0.3342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2809, 0.2920, 0.3237**, and the grayscale version is **46.4690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9028, 0.3326, 0.3340**, and **21.4271, 0.3436, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **38.7592, 0.3591, 0.3383**, and if you desaturate by 10%, it is **53.3867, 0.3185, 0.3303**.

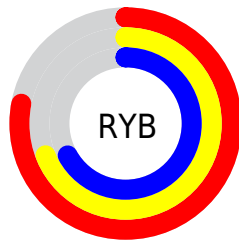
Distribution



Red (78%)

Green (69%)

Blue (67%)



Red (78%)

Yellow (69%)

Blue (67%)

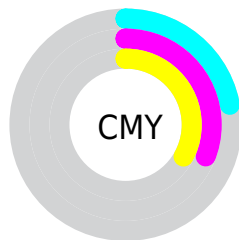


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6060, 0.3368, 0.3342 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 45.6060, 0.3368, 0.3342 by changing the saturation by 10% instead.


 45.6060, 0.3368,
0.3342

 45.6060, 0.3368,
0.3342


369.2224, 0.3247,
0.3317

 31.9350, 0.3399,
0.3348


 83.6290, 0.3324,
0.3333

 21.3119, 0.3438,
0.3355

108.7499, 0.3307,
0.3330

 13.3522, 0.3491,
0.3365


138.4561, 0.3293,
0.3327

 7.6715, 0.3566,
0.3378

173.1322, 0.3281,
0.3324

 3.8855, 0.3680,
0.3395

213.1624, 0.3271,
0.3322

 1.6097, 0.3872,
0.3420

258.9313, 0.3262,

 0.3641, 0.5674,

0.3320

0.3889

310.8231, 0.3254,
0.3319

0.0000, 0.0000,
0.0000

45.6060, 0.3368,
0.3342

45.6060, 0.3368,
0.3342

38.7592, 0.3591,
0.3383

53.3867, 0.3185,
0.3303

32.8052, 0.3861,
0.3425

62.1282, 0.3035,
0.3268

27.7089, 0.4184,
0.3465

71.8640, 0.2912,
0.3235

23.4306, 0.4560,
0.3500

82.6240, 0.2810,
0.3206

19.9274, 0.4979,
0.3521

90.7412, 0.2794,
0.3289

■ 17.1524, 0.5412,
0.3522

■ 15.0535, 0.5811,
0.3496

■ 13.5716, 0.6121,
0.3444

■ 12.9121, 0.6264,
0.3408

Harmonies

Analogous

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



45.6060, 0.3294, 0.3231



45.6060, 0.3368, 0.3342



45.6060, 0.3376, 0.3443

Triad

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



45.6060, 0.3368, 0.3342



45.6060, 0.3076, 0.3452



45.6060, 0.2940, 0.3078

Complementary

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



45.6060, 0.3368, 0.3342



51.2809, 0.2920, 0.3237

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.



45.6060, 0.2884, 0.3132



45.6060, 0.3368, 0.3342



45.6060, 0.2962, 0.3348

Square

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



45.6060, 0.3368, 0.3342



45.6060, 0.3206, 0.3510



45.6060, 0.2892, 0.3230



45.6060, 0.3045, 0.3080

Rectangle

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



45.6060, 0.3368, 0.3342



45.6060, 0.3343, 0.3490



45.6060, 0.2892, 0.3230



45.6060, 0.2915, 0.3090

Sweetspot

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



45.6080, 0.3368, 0.3342



93.9514, 0.3192, 0.3305



45.0299, 0.3173, 0.3000



19.8727, 0.3205, 0.3308



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.



45.6080, 0.3368, 0.3342



77.4749, 0.3422, 0.3353



50.9371, 0.3346, 0.3504



10.8891, 0.3286, 0.3325



8.4793, 0.6247, 0.3422



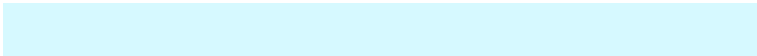
0.4858, 0.5900, 0.3697

Inverse Universe

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



51.2809, 0.2920, 0.3237



89.2293, 0.2881, 0.3227



45.7272, 0.2915, 0.3066



11.7864, 0.2984, 0.3255



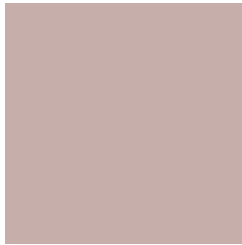
21.0466, 0.2115, 0.2812



1.0721, 0.2145, 0.2921

Previews

White Background



This preview shows how the Yxy color 45.6060, 0.3368, 0.3342 looks on a white background.

Color Contrast Check

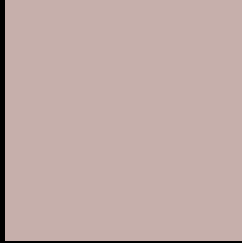
Large Text (above 18pt) WCAG AA × Fail

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 45.6060, 0.3368, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

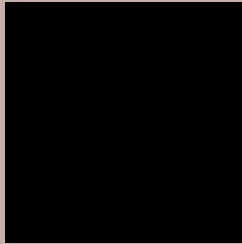
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6060, 0.3368, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 45.6060, 0.3368, 0.3342.



This preview shows how white text looks on a background with the Yxy color 45.6060, 0.3368, 0.3342.

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

45.6060, 0.3368, 0.3342

Protanopia

45.5716, 0.3228, 0.3369

Deuteranopia

45.6299, 0.3397, 0.3329



Tritanopia

45.7117, 0.3260, 0.3129

Trichromacy



Original Color

45.6060, 0.3368, 0.3342

Protanomaly

45.7665, 0.3282, 0.3368

Deuteranomaly

45.4917, 0.3388, 0.3329

Tritanomaly

45.7504, 0.3292, 0.3203

Monochromacy



Original Color

45.6060, 0.3368, 0.3342

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9793, 0.3213, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6060, 0.3368, 0.3342 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(198, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 175, 171)  
}
```

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(198, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.6060, 0.3368, 0.3342 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(198, 175, 171) }
```

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

```
.border{ border-color:rgb(198, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 175,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6060, 0.3368, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 175, 171) }
```

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

```
.background{ background-color: rgb(198,  
175, 171) }
```

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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