

Converting Colors

$Yxy(47.2294, 0.3446, 0.3354)$

Have a look what the booklet for
Yxy(47.2294, 0.3446, 0.3354)
contains.

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Color

Yxy(47.2563, 0.3449, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	CFB0AB
RGB	207, 176, 171
RGB Percent	81%, 69%, 67%
CMY	0.1882, 0.3098, 0.3295
CMYK	0.00, 0.15, 0.17, 0.19
HSL	8°, 27%, 74%
HSV	8°, 17%, 81%
XYZ	48.6093, 47.2563, 45.0718
YIQ	184.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

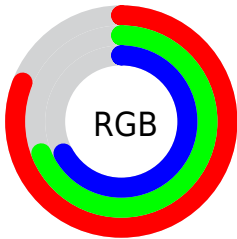
Format	Color
R _Y B	207, 177, 171
Decimal	13611179
CIE Lab	74.35, 10.40, 6.73
CIE LCh	74, 12.382, 32.908
Yxy	47.2563, 0.3449, 0.3353
Android (android.graphics.Color)	4291801259 (0xFFCFB0AB)
YUV	184.6990, -6.7536, 19.5580
Hunter-Lab	68.7432, 5.9192, 9.2465

Details

The Yxy color $47.2563, 0.3449, 0.3353$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.3949, 0.2864, 0.3226$, and the grayscale version is $48.3706, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4642, 0.3325, 0.3350$, and $22.1732, 0.3538, 0.3358$ is the 20% darker color. If you saturate the color by 10%, you get $39.9971, 0.3691, 0.3392$, and if you desaturate by 10%, it is $55.5599, 0.3251, 0.3316$.

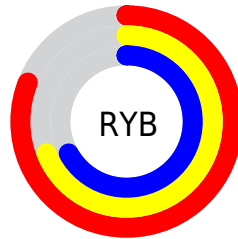
Distribution



Red (81%)

Green (69%)

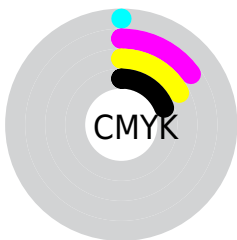
Blue (67%)



Red (81%)

Yellow (69%)

Blue (67%)

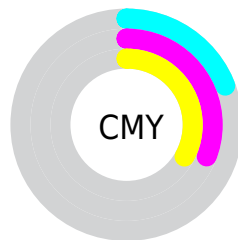


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2563, 0.3449, 0.3353 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 47.2563, 0.3449, 0.3353 by changing the saturation by 10% instead.


 47.2563, 0.3449,
0.3353

 47.2563, 0.3449,
0.3353


375.8366, 0.3287,
0.3324

 33.2383, 0.3490,
0.3360


 86.0961, 0.3390,
0.3343

 22.3091, 0.3542,
0.3368


111.6866, 0.3368,
0.3339

 14.0842, 0.3612,
0.3378


141.9035, 0.3349,
0.3335

 8.1792, 0.3709,
0.3392

177.1312, 0.3333,
0.3332

 4.2099, 0.3856,
0.3409

217.7539, 0.3320,
0.3330

 1.7916, 0.4100,
0.3429

264.1561, 0.3308,


 0.4819, 0.5703,

0.3327


0.3861


316.7222, 0.3297,
0.3325

 0.0000, 0.0000,
0.0000

 47.2563, 0.3449,
0.3353


 47.2563, 0.3449,
0.3353


 39.9971, 0.3691,
0.3392


 55.5599, 0.3251,
0.3316


 33.7347, 0.3984,
0.3431

 64.9404, 0.3088,
0.3281


 28.4275, 0.4332,
0.3467

 75.4368, 0.2955,
0.3250

 24.0282, 0.4732,
0.3495

 87.0840, 0.2846,
0.3221

 20.4857, 0.5166,
0.3508

 92.0080, 0.2844,
0.3289

■ 17.7434, 0.5596,
0.3498

■ 15.7383, 0.5968,
0.3463

■ 14.3957, 0.6228,
0.3406

■ 14.1417, 0.6282,
0.3394

Harmonies

Analogous

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



47.2563, 0.3346, 0.3206



47.2563, 0.3449, 0.3353



47.2563, 0.3463, 0.3489

Triad

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



47.2563, 0.3449, 0.3353



47.2563, 0.3063, 0.3513



47.2563, 0.2873, 0.3008

Complementary

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



47.2563, 0.3449, 0.3353



55.3949, 0.2864, 0.3226

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.



47.2563, 0.2802, 0.3080



47.2563, 0.3449, 0.3353



47.2563, 0.2910, 0.3373

Square

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



47.2563, 0.3449, 0.3353



47.2563, 0.3237, 0.3588



47.2563, 0.2816, 0.3213



47.2563, 0.3012, 0.3010

Rectangle

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



47.2563, 0.3449, 0.3353



47.2563, 0.3419, 0.3555



47.2563, 0.2816, 0.3213



47.2563, 0.2841, 0.3024

Sweetspot

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



47.2584, 0.3449, 0.3353



92.4051, 0.3209, 0.3307



46.6567, 0.3187, 0.2917



19.5577, 0.3222, 0.3310



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.



47.2584, 0.3449, 0.3353



71.0623, 0.3536, 0.3368



54.7018, 0.3413, 0.3567



12.0706, 0.3287, 0.3323



8.9903, 0.6265, 0.3408



0.5909, 0.5969, 0.3643

Inverse Universe

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



55.3949, 0.2864, 0.3226



86.5431, 0.2808, 0.3211



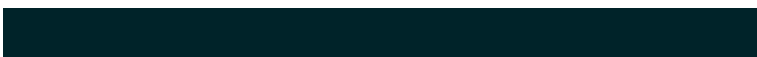
47.5193, 0.2852, 0.2997



13.1139, 0.2983, 0.3257



23.0304, 0.2124, 0.2845



1.3669, 0.2149, 0.2934

Previews

White Background



This preview shows how the Yxy color 47.2563, 0.3449, 0.3353 looks on a white background.

Color Contrast Check

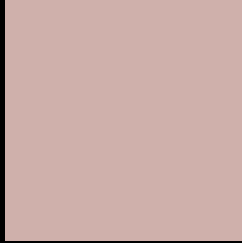
Large Text (above 18pt) WCAG AA × Fail

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 47.2563, 0.3449, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

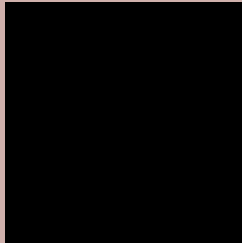
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2563, 0.3449, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 47.2563, 0.3449, 0.3353.



This preview shows how white text looks on a background with the Yxy color 47.2563, 0.3449, 0.3353.

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

47.2563, 0.3449, 0.3353

Protanopia

47.2033, 0.3243, 0.3394

Deuteranopia

47.3637, 0.3428, 0.3365



Tritanopia

47.4153, 0.3331, 0.3133

Trichromacy



Original Color

47.2563, 0.3449, 0.3353

Protanomaly

47.2617, 0.3316, 0.3380

Deuteranomaly

47.5064, 0.3437, 0.3365

Tritanomaly

47.4060, 0.3372, 0.3218

Monochromacy



Original Color

47.2563, 0.3449, 0.3353

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0886, 0.3238, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2563, 0.3449, 0.3353 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(207, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 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(207, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.2563, 0.3449, 0.3353 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(207, 176, 171) }
```

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

```
.border{ border-color:rgb(207, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2563, 0.3449, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 171) }
```

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

```
.background{ background-color: rgb(207,  
176, 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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