

Converting Colors

$Yxy(46.2561, 0.3275, 0.3358)$

Have a look what the booklet for
Yxy(46.2561, 0.3275, 0.3358)
contains.

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Color

Yxy(46.3726, 0.3273, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	BFB3AE
RGB	191, 179, 174
RGB Percent	75%, 70%, 68%
CMY	0.2511, 0.2980, 0.3177
CMYK	0.00, 0.06, 0.09, 0.25
HSL	18°, 12%, 72%
HSV	18°, 9%, 75%
XYZ	45.2392, 46.3726, 46.6076
YIQ	182.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

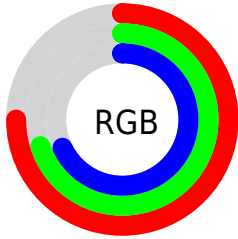
Format	Color
RYB	191, 181, 174
Decimal	12563374
CIELab	73.79, 3.38, 4.08
CIELCh	74, 5.292, 50.369
Yxy	46.3726, 0.3273, 0.3355
Android (android.graphics.Color)	4290753454 (0xFFBFB3AE)
YUV	182.0180, -3.9529, 7.8772
Hunter-Lab	68.0974, -0.5875, 7.0887

Details

The Yxy color $46.3726, 0.3273, 0.3355$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.8533, 0.2992, 0.3224$, and the grayscale version is $46.8066, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8480, 0.3246, 0.3351$, and $21.7301, 0.3318, 0.3361$ is the 20% darker color. If you saturate the color by 10%, you get $40.5514, 0.3466, 0.3433$, and if you desaturate by 10%, it is $52.8295, 0.3110, 0.3282$.

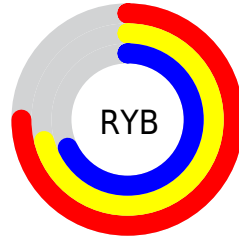
Distribution



Red (75%)

Green (70%)

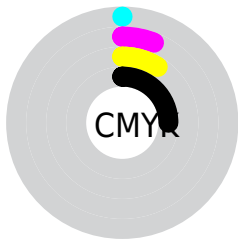
Blue (68%)



Red (75%)

Yellow (71%)

Blue (68%)

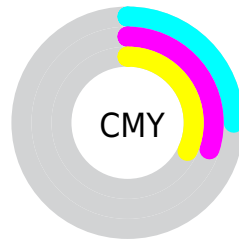


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3726, 0.3273, 0.3355 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 46.3726, 0.3273, 0.3355 by changing the saturation by 10% instead.

■ 46.3726, 0.3273,
0.3355

■ 46.3726, 0.3273,
0.3355

372.3046, 0.3200,
0.3323

■ 32.5399, 0.3291,
0.3363

■ 84.7764, 0.3246,
0.3343

■ 21.7743, 0.3315,
0.3373

110.1162, 0.3236,
0.3339

■ 13.6911, 0.3347,
0.3386

140.0607, 0.3228,
0.3335

■ 7.9061, 0.3391,
0.3405

174.9940, 0.3221,
0.3332

■ 4.0350, 0.3458,
0.3432

215.3007, 0.3214,
0.3329

■ 1.6931, 0.3571,
0.3476

261.3651, 0.3209,

■ 0.4192, 0.4488,

0.3327

0.3912

313.5716, 0.3204,
0.3325

0.0000, 0.0000,
0.0000

46.3726, 0.3273,
0.3355

46.3726, 0.3273,
0.3355

40.5514, 0.3466,
0.3433

52.8295, 0.3110,
0.3282

35.3403, 0.3694,
0.3514

59.9345, 0.2974,
0.3215

30.7209, 0.3962,
0.3595

67.7073, 0.2858,
0.3153

26.6717, 0.4270,
0.3670

76.1652, 0.2760,
0.3097

23.1697, 0.4614,
0.3732

84.3565, 0.2749,
0.3196

■ 20.1903, 0.4981,
0.3770

■ 89.8121, 0.2757,
0.3289

■ 17.7068, 0.5348,
0.3772

■ 15.6898, 0.5679,
0.3729

■ 14.1023, 0.5948,
0.3646

Harmonies

Analogous

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



46.3726, 0.3251, 0.3292



46.3726, 0.3273, 0.3355



46.3726, 0.3256, 0.3402

Triad

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



46.3726, 0.3273, 0.3355



46.3726, 0.3059, 0.3353



46.3726, 0.3050, 0.3164

Complementary

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



46.3726, 0.3273, 0.3355



47.8533, 0.2992, 0.3224

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.



46.3726, 0.3000, 0.3178



46.3726, 0.3273, 0.3355



46.3726, 0.3005, 0.3287

Square

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



46.3726, 0.3273, 0.3355



46.3726, 0.3132, 0.3401



46.3726, 0.2984, 0.3223



46.3726, 0.3121, 0.3182

Rectangle

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



46.3726, 0.3273, 0.3355



46.3726, 0.3224, 0.3418



46.3726, 0.2984, 0.3223



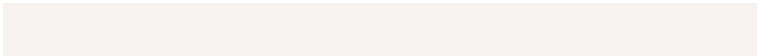
46.3726, 0.3030, 0.3165

Sweetspot

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



46.3746, 0.3273, 0.3355



89.7035, 0.3175, 0.3312



44.8942, 0.3177, 0.3135



19.4908, 0.3188, 0.3318



97.7402, 0.3127, 0.3290



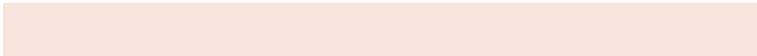
20.4902, 0.3127, 0.3290

Same Dimension

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



46.3746, 0.3273, 0.3355



80.6047, 0.3314, 0.3372



49.7918, 0.3262, 0.3460



9.9841, 0.3281, 0.3359



9.2943, 0.5951, 0.3656



0.4817, 0.5466, 0.4042

Inverse Universe

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



47.8533, 0.2992, 0.3224



83.8838, 0.2957, 0.3206



44.4688, 0.2991, 0.3114



10.3198, 0.2985, 0.3221



13.9122, 0.1975, 0.2309



0.6535, 0.2048, 0.2571

Previews

White Background



This preview shows how the Yxy color 46.3726, 0.3273, 0.3355 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 46.3726, 0.3273, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

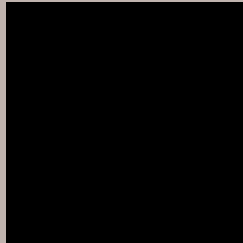
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3726, 0.3273, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 46.3726, 0.3273, 0.3355.



This preview shows how white text looks on a background with the Yxy color 46.3726, 0.3273, 0.3355.

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

46.3726, 0.3273, 0.3355

Protanopia

46.5820, 0.3219, 0.3368

Deuteranopia

46.1726, 0.3361, 0.3291



Tritanopia

46.4994, 0.3161, 0.3127

Trichromacy



Original Color

46.3726, 0.3273, 0.3355

Protanomaly

46.4290, 0.3237, 0.3355

Deuteranomaly

46.0161, 0.3323, 0.3303

Tritanomaly

46.5079, 0.3200, 0.3214

Monochromacy



Original Color

46.3726, 0.3273, 0.3355

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6167, 0.3178, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3726, 0.3273, 0.3355 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, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 174)  
}
```

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, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.3726, 0.3273, 0.3355 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, 179, 174) }
```

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

```
.border{ border-color:rgb(191, 179, 174) }
```

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

Here you see how a box with a 4 pixel rgb(191, 179, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3726, 0.3273, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 174) }
```

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

```
.background{ background-color: rgb(191,  
179, 174) }
```

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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