

Converting Colors

Yxy(46.9812, 0.3297, 0.3560)

Have a look what the booklet for
Yxy(46.9812, 0.3297, 0.3560)
contains.

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Color

Yxy(47.1157, 0.3295, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8A3
RGB	184, 184, 163
RGB Percent	72%, 72%, 64%
CMY	0.2783, 0.2784, 0.3608
CMYK	0.00, 0.00, 0.11, 0.28
HSL	60°, 13%, 68%
HSV	60°, 11%, 72%
XYZ	43.5229, 47.1157, 41.4491
YIQ	181.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

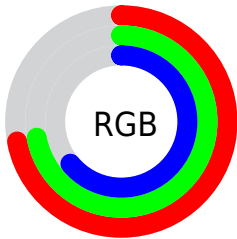
Format	Color
RYB	163, 184, 163
Decimal	12105891
CIELab	74.26, -3.68, 10.68
CIELCh	74, 11.295, 109.021
Yxy	47.1157, 0.3295, 0.3567
Android (android.graphics.Color)	4290295971 (0xFFB8B8A3)
YUV	181.6060, -9.1728, 2.0995
Hunter-Lab	68.6409, -6.9406, 12.2461

Details

The Yxy color $47.1157, 0.3295, 0.3567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $37.4524, 0.2950, 0.2997$, and the grayscale version is $46.6046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9074, 0.3264, 0.3516$, and $22.2056, 0.3346, 0.3652$ is the 20% darker color. If you saturate the color by 10%, you get $46.4946, 0.3445, 0.3815$, and if you desaturate by 10%, it is $47.8369, 0.3148, 0.3324$.

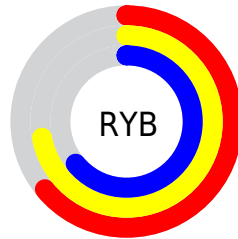
Distribution



Red (72%)

Green (72%)

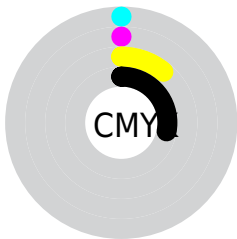
Blue (64%)



Red (64%)

Yellow (72%)

Blue (64%)

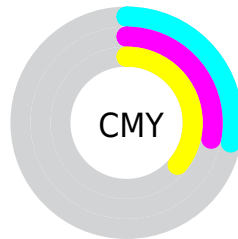


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1157, 0.3295, 0.3567 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 47.1157, 0.3295, 0.3567 by changing the saturation by 10% instead.

 47.1157, 0.3295,
0.3567

 47.1157, 0.3295,
0.3567


375.2762, 0.3212,
0.3428

 33.1271, 0.3316,
0.3602


 85.8863, 0.3265,
0.3516

 22.2239, 0.3342,
0.3647


 111.4371, 0.3254,
0.3497

 14.0215, 0.3376,
0.3708


141.6108, 0.3244,
0.3481

 8.1356, 0.3424,
0.3793

176.7918, 0.3236,
0.3467

 4.1818, 0.3494,
0.3920

217.3644, 0.3229,
0.3455

 1.7758, 0.3604,
0.4132

263.7131, 0.3222,

 0.4720, 0.4318,

0.3445

0.5682

316.2222, 0.3217,
0.3436

0.0000, 0.0000,
0.0000

47.1157, 0.3295,
0.3567

47.1157, 0.3295,
0.3567

46.4946, 0.3445,
0.3815

47.8369, 0.3148,
0.3324

45.9634, 0.3594,
0.4061

48.6559, 0.3007,
0.3091

45.5196, 0.3737,
0.4297

49.5784, 0.2874,
0.2872

45.1584, 0.3868,
0.4512

50.6080, 0.2751,
0.2669

44.8746, 0.3981,
0.4698

51.7471, 0.2638,
0.2483

■ 44.6624, 0.4072,
0.4847

■ 51.7579, 0.2638,
0.2483

■ 44.5150, 0.4137,
0.4955

■ 51.7686, 0.2638,
0.2483

■ 44.4245, 0.4177,
0.5020

■ 51.7794, 0.2638,
0.2484

■ 44.3785, 0.4196,
0.5051

■ 51.7901, 0.2638,
0.2484

Harmonies

Analogous

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



47.1157, 0.3404, 0.3523



47.1157, 0.3295, 0.3567



47.1157, 0.3143, 0.3534

Triad

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



47.1157, 0.3295, 0.3567



47.1157, 0.2826, 0.3150



47.1157, 0.3263, 0.3156

Complementary

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



47.1157, 0.3295, 0.3567



37.4524, 0.2950, 0.2997

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.



47.1157, 0.3106, 0.3062



47.1157, 0.3295, 0.3567



47.1157, 0.2856, 0.3055

Square

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



47.1157, 0.3295, 0.3567



47.1157, 0.2874, 0.3287



47.1157, 0.2957, 0.3024



47.1157, 0.3386, 0.3285

Rectangle

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



47.1157, 0.3295, 0.3567



47.1157, 0.3038, 0.3471



47.1157, 0.2957, 0.3024



47.1157, 0.3213, 0.3119

Sweetspot

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



47.1178, 0.3295, 0.3567



86.4657, 0.3171, 0.3363



39.0443, 0.3325, 0.3286



18.6167, 0.3183, 0.3382



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.1178, 0.3295, 0.3567



85.0519, 0.3337, 0.3636



45.9193, 0.3206, 0.3575



10.5012, 0.3264, 0.3516



30.5764, 0.4196, 0.5051



1.0786, 0.4195, 0.5051

Inverse Universe

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



37.4524, 0.2950, 0.2997



63.6493, 0.2902, 0.2918



38.5583, 0.3041, 0.3005



8.7215, 0.2984, 0.3054



2.3898, 0.1500, 0.0601



0.0849, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 47.1157, 0.3295, 0.3567 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 47.1157, 0.3295, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

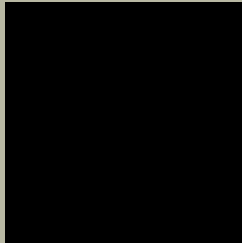
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

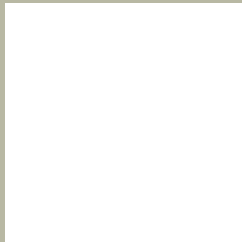
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1157, 0.3295, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 47.1157, 0.3295, 0.3567.



This preview shows how white text looks on a background with the Yxy color 47.1157, 0.3295, 0.3567.

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

47.1157, 0.3295, 0.3567

Protanopia

47.1409, 0.3369, 0.3550

Deuteranopia

47.0327, 0.3501, 0.3427



Tritanopia

47.2289, 0.3085, 0.3113

Trichromacy



Original Color

47.1157, 0.3295, 0.3567

Protanomaly

47.1670, 0.3340, 0.3565

Deuteranomaly

47.0626, 0.3430, 0.3481

Tritanomaly

47.0314, 0.3163, 0.3264

Monochromacy



Original Color

47.1157, 0.3295, 0.3567

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0294, 0.3191, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1157, 0.3295, 0.3567 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(184, 184, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 163)  
}
```

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(184, 184, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 163) }
```

Border

The CSS property to change the border of an element to Yxy 47.1157, 0.3295, 0.3567 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(184, 184, 163) }
```

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

```
.border{ border-color:rgb(184, 184, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1157, 0.3295, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 163) }
```

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

```
.background{ background-color: rgb(184,  
184, 163) }
```

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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