

Converting Colors

$Yxy(40.9857, 0.3318, 0.3277)$

Have a look what the booklet for
Yxy(40.9857, 0.3318, 0.3277)
contains.

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Color

Yxy(41.1560, 0.3315, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BCA7A8
RGB	188, 167, 168
RGB Percent	74%, 65%, 66%
CMY	0.2626, 0.3451, 0.3411
CMYK	0.00, 0.11, 0.11, 0.26
HSL	357°, 14%, 70%
HSV	357°, 11%, 74%
XYZ	41.6332, 41.1560, 42.8012
YIQ	173.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

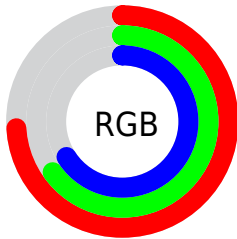
Format	Color
RYB	188, 167, 168
Decimal	12363688
CIELab	70.29, 7.81, 2.26
CIElCh	70, 8.128, 16.137
Yxy	41.1560, 0.3315, 0.3277
Android (android.graphics.Color)	4290553768 (0xFFBCA7A8)
YUV	173.3930, -2.6587, 12.8103
Hunter-Lab	64.1529, 3.5732, 5.3503

Details

The Yxy color $41.1560, 0.3315, 0.3277$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.7854, 0.2965, 0.3303$, and the grayscale version is $42.0126, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8034, 0.3278, 0.3280$, and $18.6733, 0.3378, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $34.1406, 0.3527, 0.3265$, and if you desaturate by 10%, it is $49.2685, 0.3145, 0.3289$.

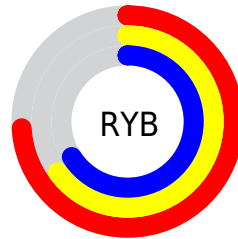
Distribution



Red (74%)

Green (65%)

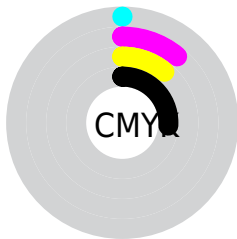
Blue (66%)



Red (74%)

Yellow (65%)

Blue (66%)

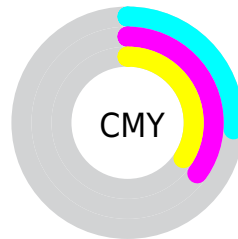


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1560, 0.3315, 0.3277 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 41.1560, 0.3315, 0.3277 by changing the saturation by 10% instead.


 41.1560, 0.3315,
0.3277


 41.1560, 0.3315,
0.3277

350.9722, 0.3219,
0.3284

 28.4410, 0.3340,
0.3275


 76.9207, 0.3279,
0.3280

 18.6584, 0.3372,
0.3272


 100.7391, 0.3266,
0.3281

 11.4237, 0.3416,
0.3268


129.0275, 0.3255,
0.3282

 6.3526, 0.3479,
0.3262

162.1702, 0.3246,
0.3282

 3.0606, 0.3577,
0.3252

200.5516, 0.3238,
0.3283

 1.1635, 0.3751,
0.3231

244.5562, 0.3231,

 0.0316, 0.8748,

0.3283

0.1252

294.5682, 0.3224,
0.3284

0.0000, 0.0000,
0.0000

41.1560, 0.3315,
0.3277

41.1560, 0.3315,
0.3277

34.1406, 0.3527,
0.3265

49.2685, 0.3145,
0.3289

28.1701, 0.3790,
0.3252

58.5165, 0.3009,
0.3299

23.1962, 0.4113,
0.3240

68.9436, 0.2898,
0.3309

19.1645, 0.4499,
0.3231

80.5889, 0.2809,
0.3318

16.0157, 0.4939,
0.3226

89.4361, 0.2742,
0.3289

■ 13.6835, 0.5404,
0.3228

■ 12.0926, 0.5837,
0.3239

■ 11.1532, 0.6170,
0.3259

■ 10.7161, 0.6351,
0.3272

Harmonies

Analogous

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



41.1560, 0.3219, 0.3180



41.1560, 0.3315, 0.3277



41.1560, 0.3360, 0.3379

Triad

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



41.1560, 0.3315, 0.3277



41.1560, 0.3151, 0.3477



41.1560, 0.2917, 0.3118

Complementary

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



41.1560, 0.3315, 0.3277



47.7854, 0.2965, 0.3303

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.



41.1560, 0.2900, 0.3194



41.1560, 0.3315, 0.3277



41.1560, 0.3034, 0.3404

Square

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



41.1560, 0.3315, 0.3277



41.1560, 0.3264, 0.3497



41.1560, 0.2942, 0.3299



41.1560, 0.2990, 0.3089

Rectangle

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



41.1560, 0.3315, 0.3277



41.1560, 0.3354, 0.3437



41.1560, 0.2942, 0.3299



41.1560, 0.2905, 0.3139

Sweetspot

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



41.1578, 0.3315, 0.3277



86.3713, 0.3174, 0.3287



41.8294, 0.3130, 0.3018



18.3091, 0.3187, 0.3286



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.1578, 0.3315, 0.3277



71.8347, 0.3354, 0.3275



44.7179, 0.3309, 0.3415



9.5437, 0.3281, 0.3279



7.2961, 0.6339, 0.3266



0.2884, 0.6111, 0.3140

Inverse Universe

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



41.1578, 0.3315, 0.3277



71.8347, 0.3354, 0.3275



43.9136, 0.2956, 0.3162



9.5437, 0.3281, 0.3279



7.2961, 0.6339, 0.3266



0.2884, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 41.1560, 0.3315, 0.3277 looks on a white background.

Color Contrast Check

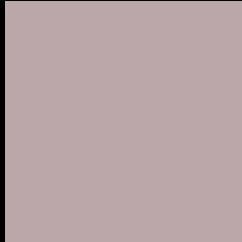
Large Text (above 18pt) WCAG AA × Fail

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 41.1560, 0.3315, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

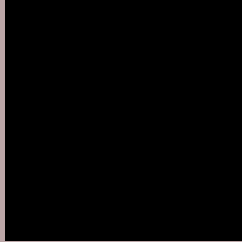
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1560, 0.3315, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 41.1560, 0.3315, 0.3277.



This preview shows how white text looks on a background with the Yxy color 41.1560, 0.3315, 0.3277.

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

41.1560, 0.3315, 0.3277

Protanopia

41.1421, 0.3172, 0.3304

Deuteranopia

41.0467, 0.3335, 0.3264



Tritanopia

40.9434, 0.3237, 0.3121

Trichromacy



Original Color

41.1560, 0.3315, 0.3277

Protanomaly

41.3173, 0.3227, 0.3304

Deuteranomaly

40.9184, 0.3326, 0.3264

Tritanomaly

41.1472, 0.3272, 0.3186

Monochromacy



Original Color

41.1560, 0.3315, 0.3277

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5311, 0.3191, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1560, 0.3315, 0.3277 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(188, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 168)  
}
```

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(188, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.1560, 0.3315, 0.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

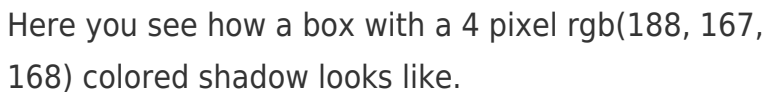
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 167, 168) }
```

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

```
.border{ border-color:rgb(188, 167, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 167, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 167, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 167, 168); box-shadow:4px 4px 4px 4px rgb(188, 167, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1560, 0.3315, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 168) }
```

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

```
.background{ background-color: rgb(188,  
167, 168) }
```

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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