

Converting Colors

$Yxy(42.8544, 0.3290, 0.3407)$

Have a look what the booklet for
Yxy(42.8544, 0.3290, 0.3407)
contains.

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Color

Yxy(42.6710, 0.3285, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	B7ADA5
RGB	183, 173, 165
RGB Percent	72%, 68%, 65%
CMY	0.2826, 0.3215, 0.3530
CMYK	0.00, 0.05, 0.10, 0.28
HSL	27°, 11%, 68%
HSV	27°, 10%, 72%
XYZ	41.2520, 42.6710, 41.6538
YIQ	175.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

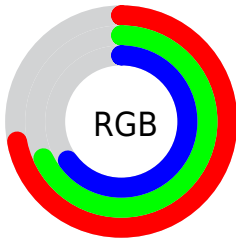
Format	Color
R_{YB}	183, 179, 165
Decimal	12037541
CIE Lab	71.33, 2.14, 5.38
CIE LCh	71, 5.792, 68.355
Yxy	42.6710, 0.3285, 0.3398
Android (android.graphics.Color)	4290227621 (0xFFB7ADA5)
YUV	175.0780, -4.9685, 6.9476
Hunter-Lab	65.3230, -1.5913, 7.9193

Details

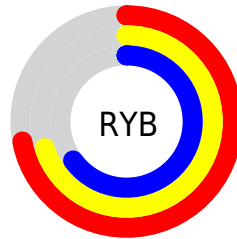
The Yxy color **42.6710, 0.3285, 0.3398** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0376, 0.2978, 0.3180**, and the grayscale version is **42.9320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0048, 0.3256, 0.3373**, and **19.6128, 0.3335, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **38.3229, 0.3470, 0.3514**, and if you desaturate by 10%, it is **47.4113, 0.3124, 0.3288**.

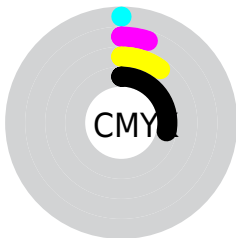
Distribution



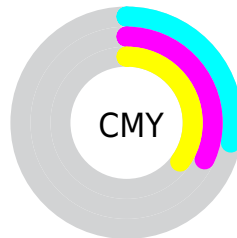
- Red (72%)
- Green (68%)
- Blue (65%)



- Red (72%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (28%)





- Cyan (28%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6710, 0.3285, 0.3398 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 42.6710, 0.3285, 0.3398 by changing the saturation by 10% instead.


 42.6710, 0.3285,
0.3398


 42.6710, 0.3285,
0.3398


357.2570, 0.3205,
0.3344

 29.6271, 0.3306,
0.3412


 79.2142, 0.3255,
0.3378

 19.5557, 0.3332,
0.3430


 103.4822, 0.3245,
0.3371

 12.0725, 0.3368,
0.3453


132.2603, 0.3235,
0.3364

 6.7931, 0.3419,
0.3487

165.9330, 0.3227,
0.3359

 3.3330, 0.3498,
0.3538

204.8846, 0.3221,
0.3354

 1.3080, 0.3635,
0.3623

249.4996, 0.3215,

 0.1474, 0.5660,

0.3350

0.4340

300.1622, 0.3209,
0.3347

0.0000, 0.0000,
0.0000

42.6710, 0.3285,
0.3398

42.6710, 0.3285,
0.3398

38.3229, 0.3470,
0.3514

47.4113, 0.3124,
0.3288

34.3510, 0.3682,
0.3635

52.5481, 0.2985,
0.3186

30.7460, 0.3922,
0.3755

58.0931, 0.2865,
0.3091

27.4964, 0.4188,
0.3868

64.0554, 0.2761,
0.3004

24.5900, 0.4475,
0.3965

70.3497, 0.2679,
0.2940

■ 22.0136, 0.4772,
0.4033

■ 75.9294, 0.2691,
0.3055

■ 19.7529, 0.5063,
0.4061

■ 81.8371, 0.2703,
0.3167

■ 17.7921, 0.5327,
0.4038

■ 88.0780, 0.2714,
0.3277

■ 16.1073, 0.5555,
0.3970

■ 88.8000, 0.2716,
0.3289

Harmonies

Analogous

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



42.6710, 0.3287, 0.3336



42.6710, 0.3285, 0.3398



42.6710, 0.3241, 0.3433

Triad

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



42.6710, 0.3285, 0.3398



42.6710, 0.3011, 0.3317



42.6710, 0.3087, 0.3156

Complementary

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



42.6710, 0.3285, 0.3398



42.0376, 0.2978, 0.3180

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.



42.6710, 0.3014, 0.3150



42.6710, 0.3285, 0.3398



42.6710, 0.2971, 0.3241

Square

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



42.6710, 0.3285, 0.3398



42.6710, 0.3082, 0.3386



42.6710, 0.2972, 0.3180



42.6710, 0.3171, 0.3197

Rectangle

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



42.6710, 0.3285, 0.3398



42.6710, 0.3193, 0.3434



42.6710, 0.2972, 0.3180



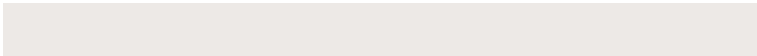
42.6710, 0.3060, 0.3150

Sweetspot

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



42.6729, 0.3285, 0.3398



82.1481, 0.3174, 0.3323



40.0680, 0.3206, 0.3155



17.9911, 0.3187, 0.3332



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.



42.6729, 0.3285, 0.3398



74.5592, 0.3327, 0.3425



46.1271, 0.3272, 0.3512



9.6563, 0.3277, 0.3393



11.3572, 0.5539, 0.3984



0.5242, 0.5106, 0.4327

Inverse Universe

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



42.0376, 0.2978, 0.3180



73.1663, 0.2941, 0.3151



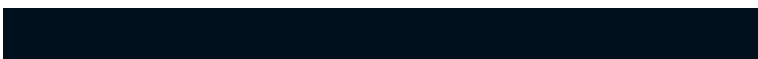
38.7548, 0.2977, 0.3058



9.5198, 0.2985, 0.3185



9.0280, 0.1827, 0.1777



0.4398, 0.1946, 0.2206

Previews

White Background



This preview shows how the Yxy color 42.6710, 0.3285, 0.3398 looks on a white background.

Color Contrast Check

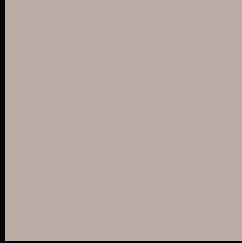
Large Text (above 18pt) WCAG AA × Fail

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 42.6710, 0.3285, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

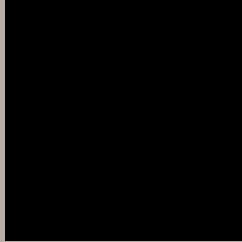
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

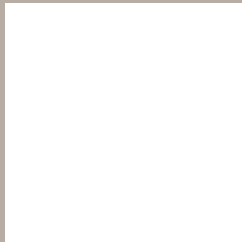
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6710, 0.3285, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 42.6710, 0.3285, 0.3398.

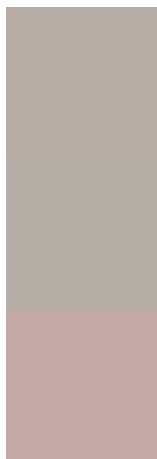


This preview shows how white text looks on a background with the Yxy color 42.6710, 0.3285, 0.3398.

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

42.6710, 0.3285, 0.3398

Protanopia

42.7286, 0.3248, 0.3398

Deuteranopia

42.7312, 0.3396, 0.3330



Tritanopia

42.6492, 0.3154, 0.3108

Trichromacy



Original Color

42.6710, 0.3285, 0.3398

Protanomaly

42.8490, 0.3257, 0.3398

Deuteranomaly

42.5790, 0.3356, 0.3343

Tritanomaly

42.6144, 0.3203, 0.3211

Monochromacy



Original Color

42.6710, 0.3285, 0.3398

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6774, 0.3188, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6710, 0.3285, 0.3398 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(183, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 165)  
}
```

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(183, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.6710, 0.3285, 0.3398 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(183, 173, 165) }
```

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

```
.border{ border-color:rgb(183, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6710, 0.3285, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 165) }
```

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

```
.background{ background-color: rgb(183,  
173, 165) }
```

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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