

Converting Colors

$Yxy(47.3101, 0.3276, 0.3495)$

Have a look what the booklet for
Yxy(47.3101, 0.3276, 0.3495)
contains.

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Color

Yxy(47.1332, 0.3273, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	BAB7A8
RGB	186, 183, 168
RGB Percent	73%, 72%, 66%
CMY	0.2706, 0.2823, 0.3411
CMYK	0.00, 0.02, 0.10, 0.27
HSL	50°, 12%, 69%
HSV	50°, 10%, 73%
XYZ	44.2533, 47.1332, 43.8206
YIQ	182.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

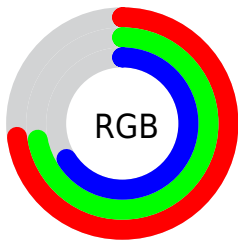
Format	Color
RYB	172, 186, 168
Decimal	12236712
CIELab	74.27, -1.59, 7.98
CIELCh	74, 8.140, 101.232
Yxy	47.1332, 0.3273, 0.3486
Android (android.graphics.Color)	4290426792 (0xFFBAB7A8)
YUV	182.1870, -6.9942, 3.3440
Hunter-Lab	68.6536, -5.0849, 10.2136

Details

The Yxy color $47.1332, 0.3273, 0.3486$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.0077, 0.2979, 0.3086$, and the grayscale version is $46.9244, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9380, 0.3247, 0.3453$, and $22.2128, 0.3317, 0.3541$ is the 20% darker color. If you saturate the color by 10%, you get $45.2232, 0.3433, 0.3696$, and if you desaturate by 10%, it is $49.1748, 0.3122, 0.3283$.

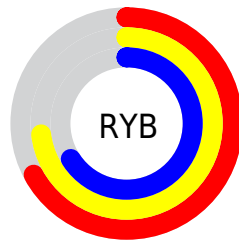
Distribution



Red (73%)

Green (72%)

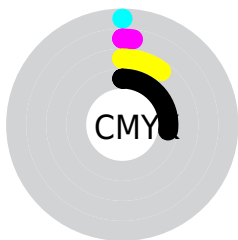
Blue (66%)



Red (67%)

Yellow (73%)

Blue (66%)

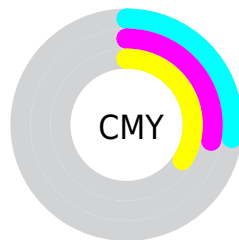


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1332, 0.3273, 0.3486 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 47.1332, 0.3273, 0.3486 by changing the saturation by 10% instead.


 47.1332, 0.3273,
0.3486


 47.1332, 0.3273,
0.3486


375.3460, 0.3200,
0.3388

 33.1410, 0.3291,
0.3511


 85.9124, 0.3247,
0.3450

 22.2345, 0.3314,
0.3542


 111.4682, 0.3237,
0.3437

 14.0293, 0.3345,
0.3584

141.6473, 0.3228,
0.3426

 8.1410, 0.3388,
0.3644

176.8340, 0.3221,
0.3416

 4.1853, 0.3451,
0.3732

217.4129, 0.3215,
0.3407

 1.7778, 0.3554,
0.3879

263.7682, 0.3209,

 0.4733, 0.4649,

0.3400

0.5351

316.2845, 0.3205,
0.3394

0.0000, 0.0000,
0.0000

47.1332, 0.3273,
0.3486

47.1332, 0.3273,
0.3486

45.2232, 0.3433,
0.3696

49.1748, 0.3122,
0.3283

43.4343, 0.3601,
0.3908

51.3459, 0.2983,
0.3092

41.7638, 0.3771,
0.4116

53.6524, 0.2855,
0.2912

40.2066, 0.3939,
0.4311

56.0982, 0.2739,
0.2746

38.7574, 0.4098,
0.4483

58.2927, 0.2668,
0.2654

■ 37.4100, 0.4240,
0.4622

■ 59.7325, 0.2672,
0.2690

■ 36.1576, 0.4360,
0.4721

■ 61.2017, 0.2675,
0.2726

■ 34.9920, 0.4452,
0.4775

■ 62.7004, 0.2679,
0.2762

■ 33.8978, 0.4520,
0.4791

■ 64.2288, 0.2683,
0.2798

Harmonies

Analogous

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



47.1332, 0.3339, 0.3443



47.1332, 0.3273, 0.3486



47.1332, 0.3169, 0.3476

Triad

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



47.1332, 0.3273, 0.3486



47.1332, 0.2913, 0.3214



47.1332, 0.3197, 0.3172

Complementary

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



47.1332, 0.3273, 0.3486



41.0077, 0.2979, 0.3086

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.



47.1332, 0.3082, 0.3113



47.1332, 0.3273, 0.3486



47.1332, 0.2920, 0.3135

Square

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



47.1332, 0.3273, 0.3486



47.1332, 0.2962, 0.3316



47.1332, 0.2981, 0.3099



47.1332, 0.3295, 0.3261

Rectangle

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



47.1332, 0.3273, 0.3486



47.1332, 0.3092, 0.3439



47.1332, 0.2981, 0.3099



47.1332, 0.3159, 0.3148

Sweetspot

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



47.1353, 0.3273, 0.3486



87.8507, 0.3172, 0.3351



41.4052, 0.3265, 0.3247



19.2798, 0.3184, 0.3367



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.



47.1353, 0.3273, 0.3486



84.5320, 0.3313, 0.3539



47.6885, 0.3220, 0.3528



10.2411, 0.3268, 0.3479



22.8744, 0.4517, 0.4795



0.8750, 0.4421, 0.4872

Inverse Universe

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



41.0077, 0.2979, 0.3086



70.7600, 0.2938, 0.3029



40.5245, 0.3029, 0.3048



8.9554, 0.2984, 0.3094



3.1230, 0.1545, 0.0762



0.1858, 0.1662, 0.1183

Previews

White Background



This preview shows how the Yxy color 47.1332, 0.3273, 0.3486 looks on a white background.

Color Contrast Check

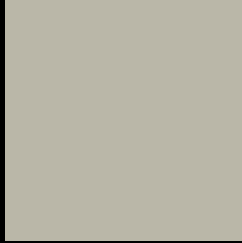
Large Text (above 18pt) WCAG AA × Fail

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 47.1332, 0.3273, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

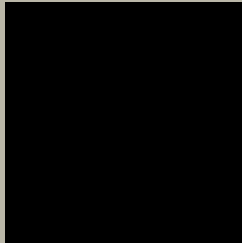
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

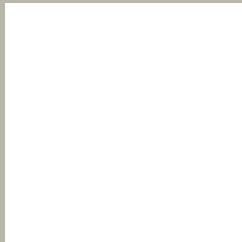
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1332, 0.3273, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 47.1332, 0.3273, 0.3486.



This preview shows how white text looks on a background with the Yxy color 47.1332, 0.3273, 0.3486.

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

47.1332, 0.3273, 0.3486

Protanopia

47.0647, 0.3309, 0.3485

Deuteranopia

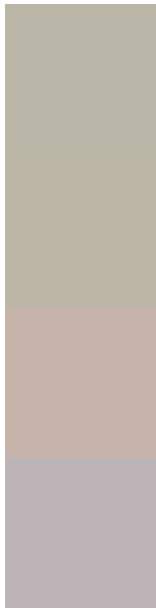
46.8944, 0.3448, 0.3378



Tritanopia

47.0376, 0.3110, 0.3114

Trichromacy



Original Color

47.1332, 0.3273, 0.3486

Protanomaly

46.9373, 0.3300, 0.3486

Deuteranomaly

47.1105, 0.3378, 0.3417

Tritanomaly

46.9220, 0.3173, 0.3239

Monochromacy



Original Color

47.1332, 0.3273, 0.3486

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6975, 0.3175, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1332, 0.3273, 0.3486 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(186, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 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(186, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 168) }
```

Border

The CSS property to change the border of an element to Yxy 47.1332, 0.3273, 0.3486 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(186, 183, 168) }
```

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

```
.border{ border-color:rgb(186, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1332, 0.3273, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 168) }
```

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

```
.background{ background-color: rgb(186,  
183, 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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