

Converting Colors

$Yxy(47.0946, 0.3288, 0.3403)$

Have a look what the booklet for
Yxy(47.0946, 0.3288, 0.3403)
contains.

Yxy(47.1027, 0.3287, 0.3406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1027, 0.3287, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5AC
RGB	191, 181, 172
RGB Percent	75%, 71%, 67%
CMY	0.2510, 0.2902, 0.3254
CMYK	0.00, 0.05, 0.10, 0.25
HSL	28°, 13%, 71%
HSV	28°, 10%, 75%
XYZ	45.4570, 47.1027, 45.7336
YIQ	182.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

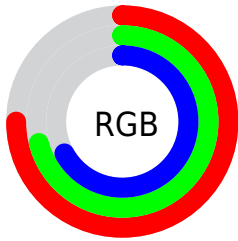
Format	Color
RYB	191, 189, 172
Decimal	12563884
CIELab	74.26, 1.98, 5.83
CIELCh	74, 6.160, 71.242
Yxy	47.1027, 0.3287, 0.3406
Android (android.graphics.Color)	4290753964 (0xFFBFB5AC)
YUV	182.9640, -5.4053, 7.0476
Hunter-Lab	68.6314, -1.8781, 8.5332

Details

The Yxy color $47.1027, 0.3287, 0.3406$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.9951, 0.2975, 0.3171$, and the grayscale version is $47.3611, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8886, 0.3257, 0.3391$, and $22.1977, 0.3337, 0.3431$ is the 20% darker color. If you saturate the color by 10%, you get $42.4790, 0.3471, 0.3529$, and if you desaturate by 10%, it is $52.1313, 0.3126, 0.3289$.

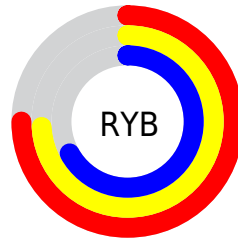
Distribution



Red (75%)

Green (71%)

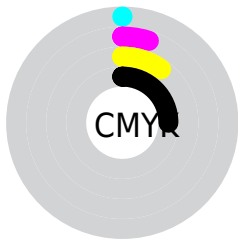
Blue (67%)



Red (75%)

Yellow (74%)

Blue (67%)

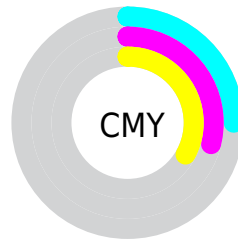


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1027, 0.3287, 0.3406 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 47.1027, 0.3287, 0.3406 by changing the saturation by 10% instead.


 47.1027, 0.3287,
0.3406

 47.1027, 0.3287,
0.3406


375.2243, 0.3207,
0.3348

 33.1169, 0.3307,
0.3420


 85.8669, 0.3258,
0.3385

 22.2160, 0.3333,
0.3439


111.4140, 0.3247,
0.3377

 14.0157, 0.3367,
0.3463

141.5837, 0.3238,
0.3371

 8.1316, 0.3415,
0.3496


176.7604, 0.3230,
0.3365

 4.1793, 0.3487,
0.3546

217.3284, 0.3223,
0.3360

 1.7743, 0.3606,
0.3627

263.6721, 0.3217,

 0.4711, 0.4626,

0.3356

0.4393

316.1759, 0.3212,
0.3352

0.0000, 0.0000,
0.0000

47.1027, 0.3287,
0.3406

47.1027, 0.3287,
0.3406

42.4790, 0.3471,
0.3529

52.1313, 0.3126,
0.3289

38.2434, 0.3681,
0.3657

57.5688, 0.2987,
0.3180

34.3867, 0.3917,
0.3784

63.4271, 0.2866,
0.3080

30.8971, 0.4178,
0.3903

69.7156, 0.2760,
0.2988

27.7620, 0.4456,
0.4005

75.6108, 0.2734,
0.3032

■ 24.9681, 0.4743,
0.4079

■ 81.4130, 0.2744,
0.3142

■ 22.5006, 0.5021,
0.4111

■ 87.5440, 0.2754,
0.3251

■ 20.3433, 0.5272,
0.4091

■ 89.8162, 0.2757,
0.3289

■ 18.4714, 0.5487,
0.4025

Harmonies

Analogous

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



47.1027, 0.3293, 0.3344



47.1027, 0.3287, 0.3406



47.1027, 0.3238, 0.3438

Triad

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



47.1027, 0.3287, 0.3406



47.1027, 0.3002, 0.3310



47.1027, 0.3094, 0.3155

Complementary

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



47.1027, 0.3287, 0.3406



45.9951, 0.2975, 0.3171

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.



47.1027, 0.3017, 0.3145



47.1027, 0.3287, 0.3406



47.1027, 0.2964, 0.3233

Square

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



47.1027, 0.3287, 0.3406



47.1027, 0.3073, 0.3383



47.1027, 0.2970, 0.3173



47.1027, 0.3181, 0.3200

Rectangle

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



47.1027, 0.3287, 0.3406



47.1027, 0.3187, 0.3437



47.1027, 0.2970, 0.3173



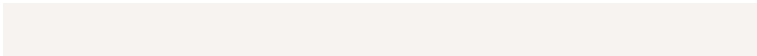
47.1027, 0.3066, 0.3147

Sweetspot

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



47.1048, 0.3287, 0.3406



90.4914, 0.3174, 0.3325



43.9711, 0.3213, 0.3160



19.7085, 0.3187, 0.3334



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.



47.1048, 0.3287, 0.3406



82.4384, 0.3326, 0.3433



51.0412, 0.3274, 0.3524



10.2612, 0.3277, 0.3399



12.2911, 0.5467, 0.4041



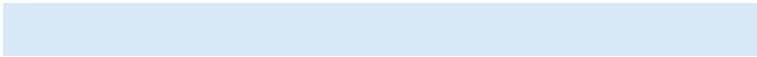
0.6125, 0.5085, 0.4345

Inverse Universe

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



45.9951, 0.2975, 0.3171



80.0377, 0.2940, 0.3142



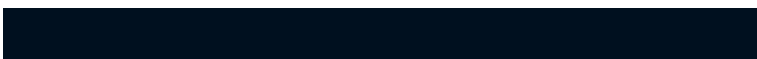
42.2872, 0.2974, 0.3045



10.0344, 0.2984, 0.3179



8.6969, 0.1802, 0.1686



0.4708, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 47.1027, 0.3287, 0.3406 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 47.1027, 0.3287, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

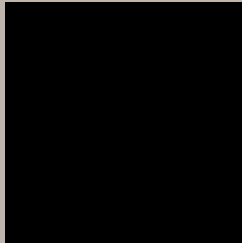
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1027, 0.3287, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 47.1027, 0.3287, 0.3406.

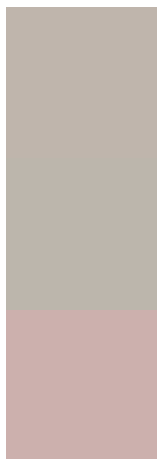


This preview shows how white text looks on a background with the Yxy color 47.1027, 0.3287, 0.3406.

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

47.1027, 0.3287, 0.3406

Protanopia

47.1258, 0.3259, 0.3420

Deuteranopia

46.9052, 0.3404, 0.3328



Tritanopia

47.1159, 0.3153, 0.3115

Trichromacy



Original Color

47.1027, 0.3287, 0.3406

Protanomaly

47.2533, 0.3268, 0.3420

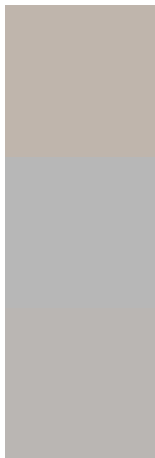
Deuteranomaly

47.0000, 0.3355, 0.3354

Tritanomaly

47.0804, 0.3200, 0.3214

Monochromacy



Original Color

47.1027, 0.3287, 0.3406

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1497, 0.3185, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1027, 0.3287, 0.3406 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, 181, 172)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 172)  
}
```

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, 181, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.1027, 0.3287, 0.3406 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, 181, 172) }
```

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

```
.border{ border-color:rgb(191, 181, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 172);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1027, 0.3287, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 172) }
```

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

```
.background{ background-color: rgb(191,  
181, 172) }
```

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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