

Converting Colors

$Yxy(47.7965, 0.3287, 0.3408)$

Have a look what the booklet for
Yxy(47.7965, 0.3287, 0.3408)
contains.

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Color

Yxy(47.6795, 0.3286, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C0B6AD
RGB	192, 182, 173
RGB Percent	75%, 71%, 68%
CMY	0.2472, 0.2862, 0.3216
CMYK	0.00, 0.05, 0.10, 0.25
HSL	29°, 13%, 72%
HSV	29°, 10%, 75%
XYZ	45.9997, 47.6795, 46.3076
YIQ	183.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

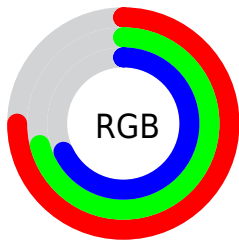
Format	Color
RYB	192, 190, 173
Decimal	12629677
CIELab	74.62, 1.95, 5.84
CIELCh	75, 6.157, 71.548
Yxy	47.6795, 0.3286, 0.3406
Android (android.graphics.Color)	4290819757 (0xFFC0B6AD)
YUV	183.9640, -5.4053, 7.0476
Hunter-Lab	69.0503, -1.9257, 8.5732

Details

The Yxy color $47.6795, 0.3286, 0.3406$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.5230, 0.2976, 0.3171$, and the grayscale version is $47.9364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7070, 0.3257, 0.3390$, and $22.4843, 0.3323, 0.3430$ is the 20% darker color. If you saturate the color by 10%, you get $43.0184, 0.3470, 0.3530$, and if you desaturate by 10%, it is $52.7473, 0.3125, 0.3289$.

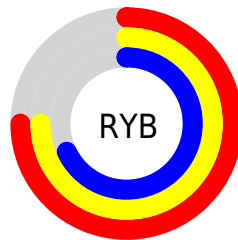
Distribution



Red (75%)

Green (71%)

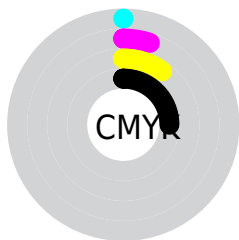
Blue (68%)



Red (75%)

Yellow (75%)

Blue (68%)

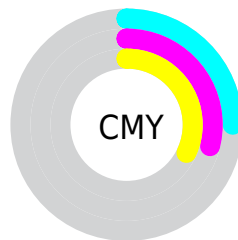


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6795, 0.3286, 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 47.6795, 0.3286, 0.3406 by changing the saturation by 10% instead.


 47.6795, 0.3286,
0.3406

 47.6795, 0.3286,
0.3406


377.5203, 0.3207,
0.3349

 33.5731, 0.3306,
0.3420


 86.7270, 0.3257,
0.3385

 22.5659, 0.3331,
0.3438

112.4370, 0.3246,
0.3377

 14.2733, 0.3365,
0.3462


142.7836, 0.3237,
0.3371

 8.3110, 0.3412,
0.3496

178.1513, 0.3229,
0.3365

 4.2946, 0.3483,
0.3545

218.9244, 0.3223,
0.3360

 1.8397, 0.3600,
0.3624

265.4873, 0.3217,

 0.5117, 0.4470,

0.3356

0.4284

318.2245, 0.3211,
0.3352

0.0000, 0.0000,
0.0000

47.6795, 0.3286,
0.3406

47.6795, 0.3286,
0.3406

43.0184, 0.3470,
0.3530

52.7473, 0.3125,
0.3289

38.7471, 0.3680,
0.3658

58.2259, 0.2986,
0.3179

34.8565, 0.3915,
0.3786

64.1271, 0.2865,
0.3078

31.3347, 0.4175,
0.3906

70.4605, 0.2760,
0.2985

28.1691, 0.4452,
0.4009

76.3026, 0.2741,
0.3043

■ 25.3462, 0.4737,
0.4083

■ 82.1366, 0.2750,
0.3154

■ 22.8514, 0.5014,
0.4116

■ 88.2999, 0.2760,
0.3262

■ 20.6684, 0.5264,
0.4097

■ 89.9407, 0.2762,
0.3289

■ 18.7722, 0.5478,
0.4031

Harmonies

Analogous

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



47.6795, 0.3292, 0.3344



47.6795, 0.3286, 0.3406



47.6795, 0.3236, 0.3438

Triad

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



47.6795, 0.3286, 0.3406



47.6795, 0.3002, 0.3309



47.6795, 0.3095, 0.3156

Complementary

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



47.6795, 0.3286, 0.3406



46.5230, 0.2976, 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.



47.6795, 0.3018, 0.3145



47.6795, 0.3286, 0.3406



47.6795, 0.2965, 0.3232

Square

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



47.6795, 0.3286, 0.3406



47.6795, 0.3072, 0.3382



47.6795, 0.2971, 0.3173



47.6795, 0.3181, 0.3201

Rectangle

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



47.6795, 0.3286, 0.3406



47.6795, 0.3186, 0.3437



47.6795, 0.2971, 0.3173



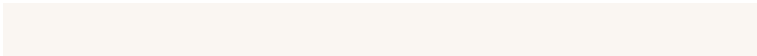
47.6795, 0.3067, 0.3148

Sweetspot

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



47.6816, 0.3286, 0.3406



92.6355, 0.3174, 0.3325



44.5070, 0.3212, 0.3161



19.7118, 0.3187, 0.3334



97.7402, 0.3127, 0.3290



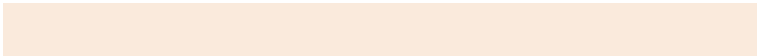
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6816, 0.3286, 0.3406



84.4223, 0.3326, 0.3434



51.6205, 0.3273, 0.3522



10.8513, 0.3277, 0.3400



12.7777, 0.5461, 0.4046



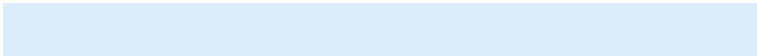
0.6900, 0.5106, 0.4328

Inverse Universe

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



46.5230, 0.2976, 0.3171



81.8710, 0.2940, 0.3142



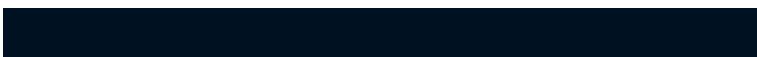
42.8129, 0.2975, 0.3047



10.6015, 0.2984, 0.3178



8.9261, 0.1799, 0.1675



0.5230, 0.1907, 0.2066

Previews

White Background



This preview shows how the Yxy color 47.6795, 0.3286, 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 47.6795, 0.3286, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

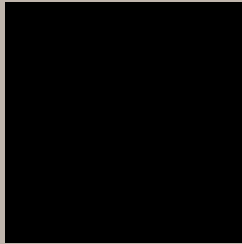
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

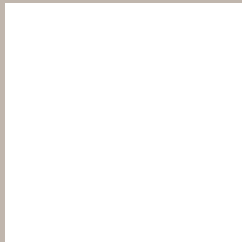
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6795, 0.3286, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 47.6795, 0.3286, 0.3406.

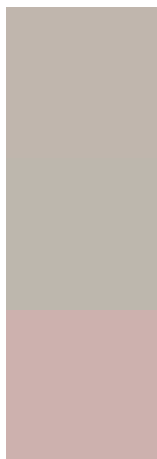


This preview shows how white text looks on a background with the Yxy color 47.6795, 0.3286, 0.3406.

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

47.6795, 0.3286, 0.3406

Protanopia

47.7029, 0.3259, 0.3419

Deuteranopia

47.4794, 0.3402, 0.3328



Tritanopia

47.6926, 0.3152, 0.3116

Trichromacy



Original Color

47.6795, 0.3286, 0.3406

Protanomaly

47.8313, 0.3267, 0.3419

Deuteranomaly

47.5756, 0.3354, 0.3353

Tritanomaly

47.6570, 0.3200, 0.3215

Monochromacy



Original Color

47.6795, 0.3286, 0.3406

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7271, 0.3185, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6795, 0.3286, 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(192, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 173)  
}
```

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(192, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.6795, 0.3286, 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(192, 182, 173) }
```

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

```
.border{ border-color:rgb(192, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6795, 0.3286, 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(192, 182, 173) }
```

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

```
.background{ background-color: rgb(192,  
182, 173) }
```

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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