

Converting Colors

$Yxy(47.1407, 0.2981, 0.3276)$

Have a look what the booklet for
Yxy(47.1407, 0.2981, 0.3276)
contains.

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Color

Yxy(47.1407, 0.2981, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A9BABB
RGB	169, 186, 187
RGB Percent	66%, 73%, 73%
CMY	0.3372, 0.2706, 0.2666
CMYK	0.10, 0.01, 0.00, 0.27
HSL	183°, 12%, 70%
HSV	183°, 10%, 73%
XYZ	42.8957, 47.1407, 53.8607
YIQ	181.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

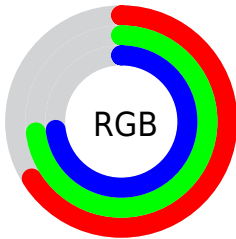
Format	Color
RYB	169, 178, 187
Decimal	11123387
CIELab	74.28, -5.61, -2.52
CIELCh	74, 6.150, 204.180
Yxy	47.1407, 0.2981, 0.3276
Android (android.graphics.Color)	4289313467 (0xFFA9BABB)
YUV	181.0310, 2.9427, -10.5512
Hunter-Lab	68.6591, -8.6330, 1.5504

Details

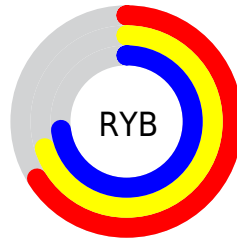
The Yxy color $47.1407, 0.2981, 0.3276$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.1987, 0.3292, 0.3304$, and the grayscale version is $46.2175, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8226, 0.3006, 0.3279$, and $22.2782, 0.2941, 0.3271$ is the 20% darker color. If you saturate the color by 10%, you get $44.7744, 0.2836, 0.3260$, and if you desaturate by 10%, it is $49.8101, 0.3133, 0.3291$.

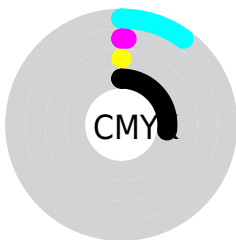
Distribution



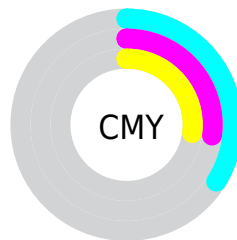
- Red (66%)
- Green (73%)
- Blue (73%)



- Red (66%)
- Yellow (70%)
- Blue (73%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)




- Cyan (34%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1407, 0.2981, 0.3276 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 47.1407, 0.2981, 0.3276 by changing the saturation by 10% instead.


 47.1407, 0.2981,
0.3276


 47.1407, 0.2981,
0.3276

375.3759, 0.3054,
0.3283

 33.1469, 0.2963,
0.3274


 85.9236, 0.3007,
0.3279

 22.2390, 0.2940,
0.3271


 111.4815, 0.3017,
0.3280

 14.0326, 0.2909,
0.3268


141.6629, 0.3026,
0.3281

 8.1434, 0.2866,
0.3263

176.8521, 0.3033,
0.3281

 4.1868, 0.2803,
0.3254

217.4337, 0.3039,
0.3282

 1.7786, 0.2698,
0.3239

263.7919, 0.3045,

 0.4738, 0.2119,

0.3283

0.3203

316.3111, 0.3049,
0.3283

0.0000, 0.0000,
0.0000

47.1407, 0.2981,
0.3276

47.1407, 0.2981,
0.3276

44.7744, 0.2836,
0.3260

49.8101, 0.3133,
0.3291

42.6929, 0.2700,
0.3243

52.7885, 0.3289,
0.3304

40.8846, 0.2577,
0.3226

56.0889, 0.3446,
0.3316

39.3351, 0.2470,
0.3207

59.7220, 0.3603,
0.3326

38.0286, 0.2379,
0.3188

62.2409, 0.3694,
0.3336

■ 36.9476, 0.2307,
0.3169

■ 62.7062, 0.3691,
0.3347

■ 36.0719, 0.2254,
0.3150

■ 63.1748, 0.3688,
0.3358

■ 35.3781, 0.2219,
0.3131

■ 63.6467, 0.3685,
0.3369

■ 34.8211, 0.2199,
0.3113

■ 64.1220, 0.3682,
0.3380

Harmonies

Analogous

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



47.1407, 0.3039, 0.3353



47.1407, 0.2981, 0.3276



47.1407, 0.2961, 0.3204

Triad

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



47.1407, 0.2981, 0.3276



47.1407, 0.3131, 0.3171



47.1407, 0.3270, 0.3424

Complementary

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



47.1407, 0.2981, 0.3276



42.1987, 0.3292, 0.3304

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.



47.1407, 0.3296, 0.3373



47.1407, 0.2981, 0.3276



47.1407, 0.3215, 0.3228

Square

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



47.1407, 0.2981, 0.3276



47.1407, 0.3047, 0.3145



47.1407, 0.3276, 0.3301



47.1407, 0.3206, 0.3439

Rectangle

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



47.1407, 0.2981, 0.3276



47.1407, 0.2973, 0.3169



47.1407, 0.3276, 0.3301



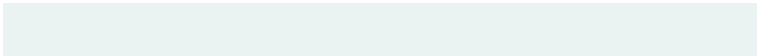
47.1407, 0.3284, 0.3410

Sweetspot

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



47.1427, 0.2981, 0.3276



87.4928, 0.3080, 0.3286



46.8850, 0.3109, 0.3522



19.1811, 0.3068, 0.3285



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.



47.1427, 0.2981, 0.3276



83.2738, 0.2943, 0.3272



43.5185, 0.2980, 0.3157



10.7143, 0.2985, 0.3276



24.0094, 0.2199, 0.3114



0.9689, 0.2211, 0.3159

Inverse Universe

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



42.4970, 0.3147, 0.3070



72.9277, 0.3152, 0.3010



45.6407, 0.3279, 0.3420



9.6867, 0.3146, 0.3076



9.4535, 0.3355, 0.1622



0.3732, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 47.1407, 0.2981, 0.3276 looks on a white background.

Color Contrast Check

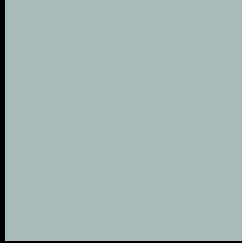
Large Text (above 18pt) WCAG AA × Fail

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 47.1407, 0.2981, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

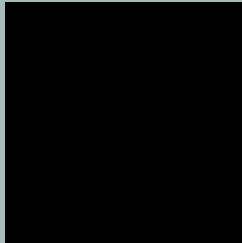
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

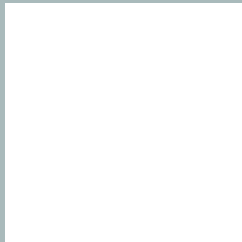
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1407, 0.2981, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 47.1407, 0.2981, 0.3276.

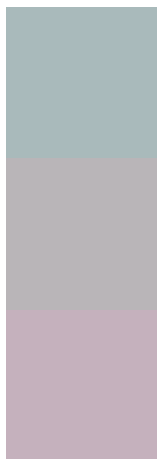


This preview shows how white text looks on a background with the Yxy color 47.1407, 0.2981, 0.3276.

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

47.1407, 0.2981, 0.3276

Protanopia

46.8227, 0.3138, 0.3251

Deuteranopia

46.9887, 0.3204, 0.3141



Tritanopia

47.0624, 0.2909, 0.3094

Trichromacy



Original Color

47.1407, 0.2981, 0.3276

Protanomaly

46.9535, 0.3078, 0.3264

Deuteranomaly

46.8382, 0.3123, 0.3188

Tritanomaly

47.1841, 0.2930, 0.3158

Monochromacy



Original Color

47.1407, 0.2981, 0.3276

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.6330, 0.3077, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1407, 0.2981, 0.3276 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(169, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 186, 187)  
}
```

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(169, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 186, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.1407, 0.2981, 0.3276 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(169, 186, 187) }
```

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

```
.border{ border-color:rgb(169, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 186,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1407, 0.2981, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 186, 187) }
```

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

```
.background{ background-color: rgb(169,  
186, 187) }
```

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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