

Converting Colors

$Yxy(47.6433, 0.2975, 0.3220)$

Have a look what the booklet for
Yxy(47.6433, 0.2975, 0.3220)
contains.

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Color

Yxy(47.6501, 0.2975, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	ACBABF
RGB	172, 186, 191
RGB Percent	67%, 73%, 75%
CMY	0.3257, 0.2705, 0.2509
CMYK	0.10, 0.03, 0.00, 0.25
HSL	196°, 13%, 71%
HSV	196°, 10%, 75%
XYZ	43.9699, 47.6501, 56.1780
YIQ	182.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

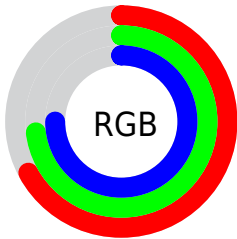
Format	Color
RYB	172, 180, 191
Decimal	11319999
CIELab	74.60, -3.83, -4.20
CIELCh	75, 5.683, 227.605
Yxy	47.6501, 0.2975, 0.3224
Android (android.graphics.Color)	4289510079 (0xFFACBABF)
YUV	182.3840, 4.2477, -9.1068
Hunter-Lab	69.0291, -7.1004, 0.0682

Details

The Yxy color $47.6501, 0.2975, 0.3224$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.4820, 0.3293, 0.3355$, and the grayscale version is $46.9776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5506, 0.3002, 0.3239$, and $22.6031, 0.2933, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $43.5698, 0.2824, 0.3151$, and if you desaturate by 10%, it is $52.1191, 0.3127, 0.3290$.

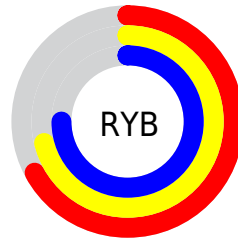
Distribution



Red (67%)

Green (73%)

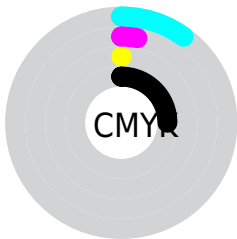
Blue (75%)



Red (67%)

Yellow (71%)

Blue (75%)

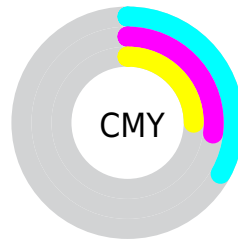


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6501, 0.2975, 0.3224 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 47.6501, 0.2975, 0.3224 by changing the saturation by 10% instead.

■ 47.6501, 0.2975,
0.3224

■ 47.6501, 0.2975,
0.3224

377.4035, 0.3051,
0.3257

■ 33.5499, 0.2956,
0.3216

■ 86.6832, 0.3002,
0.3236

■ 22.5480, 0.2932,
0.3205

112.3849, 0.3013,
0.3241

■ 14.2601, 0.2901,
0.3190

142.7225, 0.3021,
0.3245

■ 8.3018, 0.2857,
0.3170

178.0805, 0.3029,
0.3248

■ 4.2887, 0.2792,
0.3139

218.8431, 0.3035,
0.3251

■ 1.8363, 0.2685,
0.3087

265.3950, 0.3041,

■ 0.5097, 0.2235,

0.3253

0.2914

318.1203, 0.3046,
0.3255

0.0000, 0.0000,
0.0000

47.6501, 0.2975,
0.3224

47.6501, 0.2975,
0.3224

43.5698, 0.2824,
0.3151

52.1191, 0.3127,
0.3290

39.8582, 0.2676,
0.3072

56.9839, 0.3279,
0.3350

36.5025, 0.2536,
0.2987

62.2589, 0.3427,
0.3403

33.4866, 0.2406,
0.2897

67.9561, 0.3570,
0.3450

30.7929, 0.2290,
0.2803

71.6457, 0.3611,
0.3498

■ 28.4021, 0.2191,
0.2706

■ 74.1757, 0.3598,
0.3548

■ 26.2922, 0.2110,
0.2608

■ 76.7839, 0.3586,
0.3598

■ 24.4374, 0.2049,
0.2510

■ 79.4712, 0.3574,
0.3648

■ 22.7874, 0.2004,
0.2414

■ 82.2382, 0.3562,
0.3696

Harmonies

Analogous

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



47.6501, 0.3002, 0.3293



47.6501, 0.2975, 0.3224



47.6501, 0.2989, 0.3174

Triad

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



47.6501, 0.2975, 0.3224



47.6501, 0.3192, 0.3219



47.6501, 0.3215, 0.3428

Complementary

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



47.6501, 0.2975, 0.3224



45.4820, 0.3293, 0.3355

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.



47.6501, 0.3267, 0.3406



47.6501, 0.2975, 0.3224



47.6501, 0.3254, 0.3285

Square

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



47.6501, 0.2975, 0.3224



47.6501, 0.3113, 0.3172



47.6501, 0.3282, 0.3353



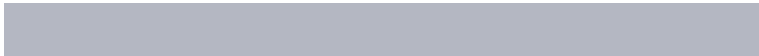
47.6501, 0.3140, 0.3412

Rectangle

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



47.6501, 0.2975, 0.3224



47.6501, 0.3019, 0.3158



47.6501, 0.3282, 0.3353



47.6501, 0.3236, 0.3424

Sweetspot

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



47.6521, 0.2975, 0.3224



90.7991, 0.3081, 0.3271



49.1970, 0.3080, 0.3479



19.7940, 0.3068, 0.3265



97.7402, 0.3127, 0.3290



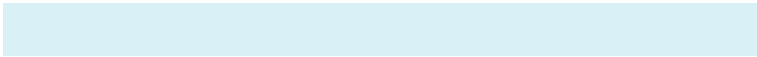
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6521, 0.2975, 0.3224



83.6547, 0.2941, 0.3209



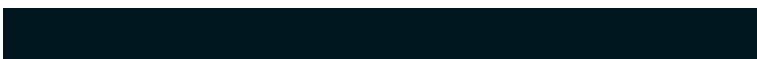
43.8620, 0.2974, 0.3100



10.3744, 0.2985, 0.3228



15.1073, 0.2008, 0.2427



0.6928, 0.2072, 0.2657

Inverse Universe

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



44.1124, 0.3180, 0.3111



76.0740, 0.3193, 0.3070



49.2785, 0.3280, 0.3473



9.6524, 0.3177, 0.3122



8.5548, 0.3996, 0.1975



0.3453, 0.3769, 0.1850

Previews

White Background



This preview shows how the Yxy color 47.6501, 0.2975, 0.3224 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 47.6501, 0.2975, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

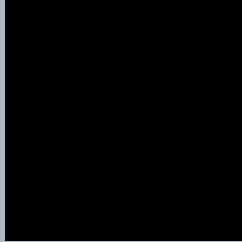
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

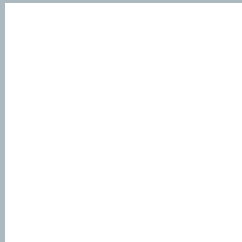
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6501, 0.2975, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 47.6501, 0.2975, 0.3224.



This preview shows how white text looks on a background with the Yxy color 47.6501, 0.2975, 0.3224.

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

47.6501, 0.2975, 0.3224

Protanopia

47.4443, 0.3098, 0.3200

Deuteranopia

47.5614, 0.3170, 0.3104



Tritanopia

47.7057, 0.2925, 0.3108

Trichromacy



Original Color

47.6501, 0.2975, 0.3224

Protanomaly

47.2880, 0.3048, 0.3199

Deuteranomaly

47.5449, 0.3100, 0.3151

Tritanomaly

47.5677, 0.2947, 0.3147

Monochromacy



Original Color

47.6501, 0.2975, 0.3224

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8347, 0.3070, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6501, 0.2975, 0.3224 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(172, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 191)  
}
```

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(172, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.6501, 0.2975, 0.3224 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(172, 186, 191) }
```

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

```
.border{ border-color:rgb(172, 186, 191) }
```

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

Here you see how a box with a 4 pixel rgb(172, 186, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 186,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6501, 0.2975, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 191) }
```

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

```
.background{ background-color: rgb(172,  
186, 191) }
```

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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