

Converting Colors

$Yxy(47.7636, 0.2983, 0.3224)$

Have a look what the booklet for
Yxy(47.7636, 0.2983, 0.3224)
contains.

Yxy(47.7636, 0.2983, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7636, 0.2983, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	ADBABF
RGB	173, 186, 191
RGB Percent	68%, 73%, 75%
CMY	0.3217, 0.2705, 0.2509
CMYK	0.09, 0.03, 0.00, 0.25
HSL	197°, 12%, 71%
HSV	197°, 9%, 75%
XYZ	44.1932, 47.7636, 56.1933
YIQ	182.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

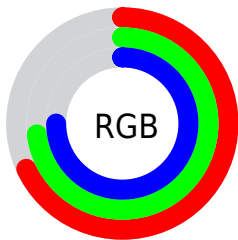
Format	Color
RYB	173, 181, 191
Decimal	11385535
CIELab	74.68, -3.49, -4.09
CIElCh	75, 5.374, 229.524
Yxy	47.7636, 0.2983, 0.3224
Android (android.graphics.Color)	4289575615 (0xFFADBABF)
YUV	182.6830, 4.1003, -8.4920
Hunter-Lab	69.1112, -6.8028, 0.1700

Details

The Yxy color $47.7636, 0.2983, 0.3224$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.9295, 0.3283, 0.3355$, and the grayscale version is $47.1513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7136, 0.3008, 0.3239$, and $22.6750, 0.2944, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $43.5479, 0.2831, 0.3147$, and if you desaturate by 10%, it is $52.3776, 0.3135, 0.3294$.

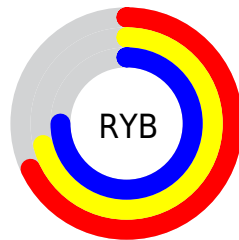
Distribution



Red (68%)

Green (73%)

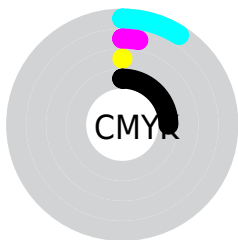
Blue (75%)



Red (68%)

Yellow (71%)

Blue (75%)

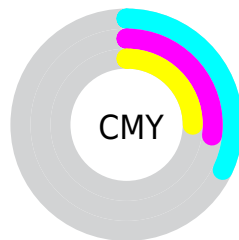


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7636, 0.2983, 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 47.7636, 0.2983, 0.3224 by changing the saturation by 10% instead.

■ 47.7636, 0.2983,
0.3224

■ 47.7636, 0.2983,
0.3224

377.8543, 0.3055,
0.3257

■ 33.6397, 0.2965,
0.3216

■ 86.8523, 0.3009,
0.3236

■ 22.6170, 0.2943,
0.3205

112.5860, 0.3019,
0.3241

■ 14.3109, 0.2913,
0.3190

142.9583, 0.3027,
0.3245

■ 8.3372, 0.2871,
0.3170

178.3537, 0.3034,
0.3248

■ 4.3115, 0.2809,
0.3139

219.1566, 0.3040,
0.3251

■ 1.8493, 0.2709,
0.3088

265.7515, 0.3046,

■ 0.5176, 0.2294,

0.3253

0.2918

318.5226, 0.3050,
0.3255

0.0000, 0.0000,
0.0000

47.7636, 0.2983,
0.3224

47.7636, 0.2983,
0.3224

43.5479, 0.2831,
0.3147

52.3776, 0.3135,
0.3294

39.7104, 0.2682,
0.3064

57.3972, 0.3286,
0.3356

36.2383, 0.2540,
0.2974

62.8369, 0.3433,
0.3412

33.1153, 0.2408,
0.2878

68.7087, 0.3575,
0.3461

30.3238, 0.2289,
0.2778

72.3767, 0.3607,
0.3512

■ 27.8445, 0.2187,
0.2675

■ 75.0814, 0.3594,
0.3566

■ 25.6554, 0.2103,
0.2571

■ 77.8741, 0.3581,
0.3618

■ 23.7306, 0.2038,
0.2467

■ 80.7557, 0.3568,
0.3670

■ 22.0237, 0.1991,
0.2364

■ 83.7269, 0.3556,
0.3722

Harmonies

Analogous

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



47.7636, 0.3006, 0.3289



47.7636, 0.2983, 0.3224



47.7636, 0.2998, 0.3178

Triad

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



47.7636, 0.2983, 0.3224



47.7636, 0.3193, 0.3227



47.7636, 0.3206, 0.3420

Complementary

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



47.7636, 0.2983, 0.3224



45.9295, 0.3283, 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.



47.7636, 0.3257, 0.3402



47.7636, 0.2983, 0.3224



47.7636, 0.3250, 0.3290

Square

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



47.7636, 0.2983, 0.3224



47.7636, 0.3119, 0.3181



47.7636, 0.3274, 0.3354



47.7636, 0.3134, 0.3403

Rectangle

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



47.7636, 0.2983, 0.3224



47.7636, 0.3028, 0.3164



47.7636, 0.3274, 0.3354



47.7636, 0.3226, 0.3418

Sweetspot

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



47.7656, 0.2983, 0.3224



90.7300, 0.3081, 0.3269



49.3585, 0.3080, 0.3465



19.7748, 0.3068, 0.3264



97.7402, 0.3127, 0.3290



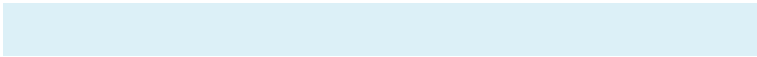
20.4902, 0.3127, 0.3290

Same Dimension

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



47.7656, 0.2983, 0.3224



84.1740, 0.2957, 0.3211



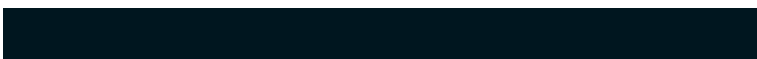
44.1598, 0.2982, 0.3107



10.3494, 0.2985, 0.3225



14.5512, 0.1993, 0.2373



0.6746, 0.2061, 0.2618

Inverse Universe

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



44.5006, 0.3179, 0.3124



77.3776, 0.3190, 0.3093



49.5560, 0.3271, 0.3467



9.6498, 0.3179, 0.3126



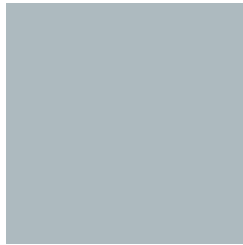
8.4986, 0.4051, 0.2005



0.3435, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 47.7636, 0.2983, 0.3224 looks on a white background.

Color Contrast Check

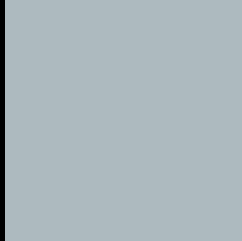
Large Text (above 18pt) WCAG AA × Fail

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 47.7636, 0.2983, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

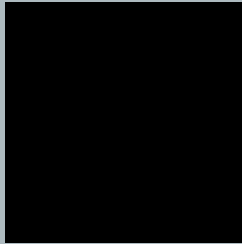
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

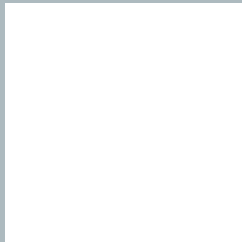
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7636, 0.2983, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 47.7636, 0.2983, 0.3224.



This preview shows how white text looks on a background with the Yxy color 47.7636, 0.2983, 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

47.7636, 0.2983, 0.3224

Protanopia

47.8554, 0.3097, 0.3213

Deuteranopia

47.5614, 0.3170, 0.3104



Tritanopia

47.8201, 0.2933, 0.3109

Trichromacy



Original Color

47.7636, 0.2983, 0.3224

Protanomaly

47.8224, 0.3056, 0.3213

Deuteranomaly

47.5449, 0.3100, 0.3151

Tritanomaly

47.6821, 0.2955, 0.3147

Monochromacy



Original Color

47.7636, 0.2983, 0.3224

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4099, 0.3070, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7636, 0.2983, 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(173, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.7636, 0.2983, 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(173, 186, 191) }
```

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

```
.border{ border-color:rgb(173, 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(173, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7636, 0.2983, 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(173, 186, 191) }
```

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

```
.background{ background-color: rgb(173,  
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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