

Converting Colors

$Yxy(47.7390, 0.2992, 0.3209)$

Have a look what the booklet for
Yxy(47.7390, 0.2992, 0.3209)
contains.

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Color

Yxy(47.6177, 0.2992, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	AFB9C0
RGB	175, 185, 192
RGB Percent	69%, 73%, 75%
CMY	0.3138, 0.2745, 0.2472
CMYK	0.09, 0.04, 0.00, 0.25
HSL	205°, 12%, 72%
HSV	205°, 9%, 75%
XYZ	44.5365, 47.6177, 56.6977
YIQ	182.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

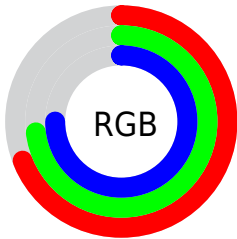
Format	Color
R_{YB}	175, 181, 192
Decimal	11516352
CIE Lab	74.58, -2.09, -4.73
CIE LCh	75, 5.167, 246.146
Yxy	47.6177, 0.2992, 0.3199
Android (android.graphics.Color)	4289706432 (0xFFAFB9C0)
YUV	182.8080, 4.5317, -6.8476
Hunter-Lab	69.0056, -5.5552, -0.4111

Details

The Yxy color $47.6177, 0.2992, 0.3199$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.7289, 0.3270, 0.3379$, and the grayscale version is $47.2199, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6768, 0.3021, 0.3219$, and $22.5776, 0.2955, 0.3165$ is the 20% darker color. If you saturate the color by 10%, you get $42.3545, 0.2836, 0.3086$, and if you desaturate by 10%, it is $53.3827, 0.3144, 0.3301$.

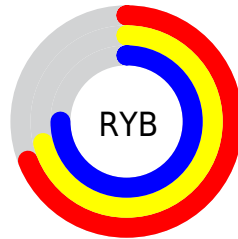
Distribution



Red (69%)

Green (73%)

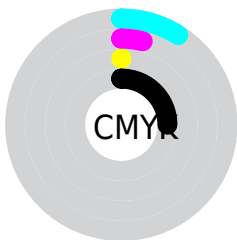
Blue (75%)



Red (69%)

Yellow (71%)

Blue (75%)

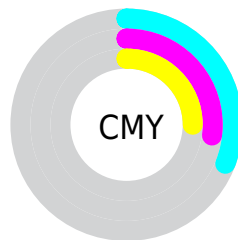


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6177, 0.2992, 0.3199 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 47.6177, 0.2992, 0.3199 by changing the saturation by 10% instead.

■ 47.6177, 0.2992,
0.3199

■ 47.6177, 0.2992,
0.3199

377.2748, 0.3059,
0.3245

■ 33.5242, 0.2975,
0.3188

■ 86.6349, 0.3016,
0.3216

■ 22.5283, 0.2954,
0.3173

112.3275, 0.3025,
0.3222

■ 14.2456, 0.2926,
0.3153

142.6552, 0.3033,
0.3227

■ 8.2917, 0.2887,
0.3126

178.0024, 0.3040,
0.3232

■ 4.2822, 0.2828,
0.3085

218.7536, 0.3046,
0.3236

■ 1.8326, 0.2733,
0.3017

265.2931, 0.3051,

■ 0.5074, 0.2368,

0.3239

0.2786

318.0054, 0.3055,
0.3242

0.0000, 0.0000,
0.0000

47.6177, 0.2992,
0.3199

47.6177, 0.2992,
0.3199

42.3545, 0.2836,
0.3086

53.3827, 0.3144,
0.3301

37.5708, 0.2680,
0.2961

59.6588, 0.3292,
0.3392

33.2516, 0.2525,
0.2826

66.4625, 0.3432,
0.3473

29.3784, 0.2377,
0.2681

73.8078, 0.3565,
0.3544

25.9313, 0.2240,
0.2529

78.5530, 0.3572,
0.3620

■ 22.8885, 0.2117,
0.2372

■ 82.8861, 0.3553,
0.3697

■ 20.2255, 0.2012,
0.2213

■ 87.4174, 0.3535,
0.3772

■ 17.9142, 0.1928,
0.2056

■ 92.1493, 0.3518,
0.3845

■ 15.9089, 0.1864,
0.1903

■ 96.5847, 0.3502,
0.3910

Harmonies

Analogous

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



47.6177, 0.2994, 0.3253



47.6177, 0.2992, 0.3199



47.6177, 0.3026, 0.3170

Triad

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



47.6177, 0.2992, 0.3199



47.6177, 0.3224, 0.3262



47.6177, 0.3166, 0.3410

Complementary

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



47.6177, 0.2992, 0.3199



47.7289, 0.3270, 0.3379

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.



47.6177, 0.3229, 0.3411



47.6177, 0.2992, 0.3199



47.6177, 0.3263, 0.3325

Square

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



47.6177, 0.2992, 0.3199



47.6177, 0.3160, 0.3207



47.6177, 0.3264, 0.3380



47.6177, 0.3094, 0.3376

Rectangle

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



47.6177, 0.2992, 0.3199



47.6177, 0.3065, 0.3169



47.6177, 0.3264, 0.3380



47.6177, 0.3189, 0.3415

Sweetspot

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



47.6197, 0.2992, 0.3199



92.2617, 0.3081, 0.3260



50.1679, 0.3066, 0.3423



19.6109, 0.3069, 0.3251



97.7402, 0.3127, 0.3290



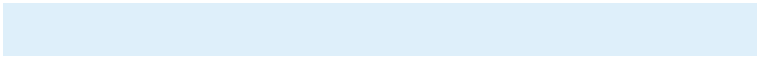
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6197, 0.2992, 0.3199



84.0133, 0.2956, 0.3174



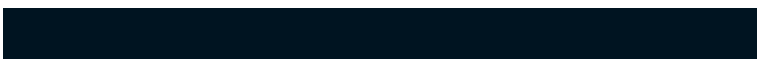
44.2335, 0.2992, 0.3089



10.7142, 0.2984, 0.3193



10.7181, 0.1863, 0.1905



0.5960, 0.1957, 0.2247

Inverse Universe

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



45.3582, 0.3195, 0.3163



78.9775, 0.3214, 0.3128



51.2438, 0.3259, 0.3484



10.1754, 0.3199, 0.3155



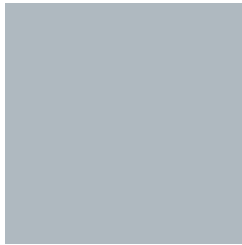
8.3642, 0.4562, 0.2287



0.3748, 0.4183, 0.2078

Previews

White Background



This preview shows how the Yxy color 47.6177, 0.2992, 0.3199 looks on a white background.

Color Contrast Check

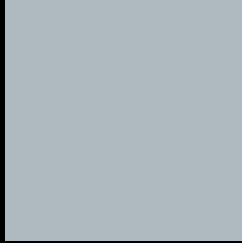
Large Text (above 18pt) WCAG AA × Fail

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 47.6177, 0.2992, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

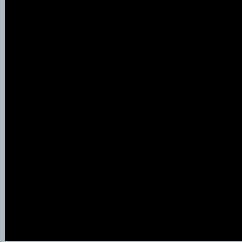
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

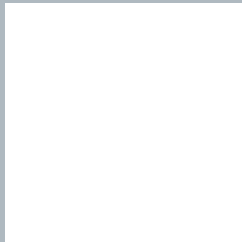
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6177, 0.2992, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 47.6177, 0.2992, 0.3199.



This preview shows how white text looks on a background with the Yxy color 47.6177, 0.2992, 0.3199.

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

47.6177, 0.2992, 0.3199

Protanopia

47.3639, 0.3081, 0.3187

Deuteranopia

47.4268, 0.3162, 0.3104



Tritanopia

47.6346, 0.2948, 0.3097

Trichromacy



Original Color

47.6177, 0.2992, 0.3199

Protanomaly

47.4523, 0.3049, 0.3187

Deuteranomaly

47.5894, 0.3092, 0.3138

Tritanomaly

47.4966, 0.2970, 0.3135

Monochromacy



Original Color

47.6177, 0.2992, 0.3199

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5294, 0.3078, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6177, 0.2992, 0.3199 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(175, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 192)  
}
```

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(175, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.6177, 0.2992, 0.3199 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(175, 185, 192) }
```

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

```
.border{ border-color:rgb(175, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6177, 0.2992, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 192) }
```

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

```
.background{ background-color: rgb(175,  
185, 192) }
```

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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