

Converting Colors

$Yxy(42.6708, 0.3011, 0.3253)$

Have a look what the booklet for
Yxy(42.6708, 0.3011, 0.3253)
contains.

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Color

Yxy(42.8059, 0.3017, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A6B1B3
RGB	166, 177, 179
RGB Percent	65%, 69%, 70%
CMY	0.3489, 0.3059, 0.2980
CMYK	0.07, 0.01, 0.00, 0.30
HSL	189°, 8%, 68%
HSV	189°, 7%, 70%
XYZ	39.5909, 42.8059, 48.8292
YIQ	173.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

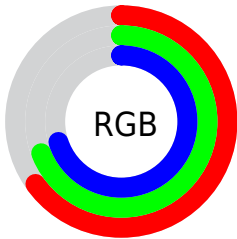
Format	Color
R _Y B	166, 172, 179
Decimal	10924467
CIE Lab	71.42, -3.41, -2.36
CIE LCh	71, 4.146, 214.645
Yxy	42.8059, 0.3017, 0.3262
Android (android.graphics.Color)	4289114547 (0xFFA6B1B3)
YUV	173.9390, 2.4951, -6.9625
Hunter-Lab	65.4262, -6.4815, 1.5488

Details

The Yxy color **42.8059, 0.3017, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3648, 0.3246, 0.3318**, and the grayscale version is **42.2880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6481, 0.3035, 0.3269**, and **19.4991, 0.2987, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **39.9166, 0.2868, 0.3220**, and if you desaturate by 10%, it is **45.9906, 0.3169, 0.3300**.

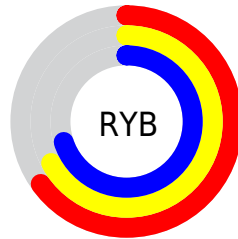
Distribution



Red (65%)

Green (69%)

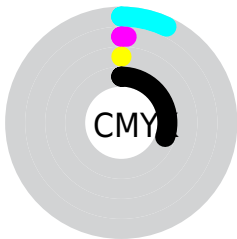
Blue (70%)



Red (65%)

Yellow (67%)

Blue (70%)

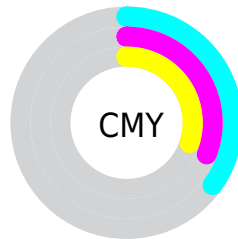


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8059, 0.3017, 0.3262 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 42.8059, 0.3017, 0.3262 by changing the saturation by 10% instead.

■ 42.8059, 0.3017,
0.3262

■ 42.8059, 0.3017,
0.3262

■ 357.8129, 0.3073,
0.3277

■ 29.7329, 0.3003,
0.3258

■ 79.4179, 0.3037,
0.3267

■ 19.6359, 0.2985,
0.3253

■ 103.7256, 0.3045,
0.3269

■ 12.1307, 0.2960,
0.3247

■ 132.5470, 0.3051,
0.3271

■ 6.8327, 0.2925,
0.3237

■ 166.2664, 0.3057,
0.3272

■ 3.3577, 0.2872,
0.3222

■ 205.2684, 0.3062,
0.3274

■ 1.3212, 0.2781,
0.3194

■ 249.9372, 0.3066,

■ 0.1575, 0.1186,

0.3275

0.2812

300.6572, 0.3070,
0.3276

0.0000, 0.0000,
0.0000

42.8059, 0.3017,
0.3262

42.8059, 0.3017,
0.3262

39.9166, 0.2868,
0.3220

45.9906, 0.3169,
0.3300

37.3060, 0.2725,
0.3175

49.4758, 0.3322,
0.3334

34.9640, 0.2592,
0.3127

53.2733, 0.3474,
0.3365

32.8777, 0.2471,
0.3076

57.3926, 0.3623,
0.3392

31.0332, 0.2364,
0.3023

61.7400, 0.3762,
0.3416

■ 29.4149, 0.2275,
0.2968

■ 62.9653, 0.3754,
0.3445

■ 28.0053, 0.2204,
0.2913

■ 64.2139, 0.3745,
0.3474

■ 26.7842, 0.2152,
0.2858

■ 65.4858, 0.3737,
0.3503

■ 25.7219, 0.2117,
0.2804

■ 66.7812, 0.3728,
0.3531

Harmonies

Analogous

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



42.8059, 0.3049, 0.3316



42.8059, 0.3017, 0.3262



42.8059, 0.3014, 0.3216

Triad

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



42.8059, 0.3017, 0.3262



42.8059, 0.3151, 0.3219



42.8059, 0.3214, 0.3390

Complementary

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



42.8059, 0.3017, 0.3262



40.3648, 0.3246, 0.3318

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.



42.8059, 0.3242, 0.3363



42.8059, 0.3017, 0.3262



42.8059, 0.3206, 0.3264

Square

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



42.8059, 0.3017, 0.3262



42.8059, 0.3091, 0.3192



42.8059, 0.3239, 0.3317



42.8059, 0.3163, 0.3391

Rectangle

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



42.8059, 0.3017, 0.3262



42.8059, 0.3029, 0.3197



42.8059, 0.3239, 0.3317



42.8059, 0.3226, 0.3384

Sweetspot

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



42.8077, 0.3017, 0.3262



79.5622, 0.3096, 0.3282



43.1823, 0.3103, 0.3443



17.6406, 0.3098, 0.3283



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.8077, 0.3017, 0.3262



75.6312, 0.2988, 0.3254



40.3324, 0.3018, 0.3173



9.4019, 0.2986, 0.3254



18.0536, 0.2110, 0.2795



0.6285, 0.2152, 0.2947

Inverse Universe

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



40.0446, 0.3153, 0.3143



69.4810, 0.3160, 0.3103



42.7937, 0.3238, 0.3404



8.6236, 0.3160, 0.3100



8.3627, 0.3639, 0.1778



0.2692, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 42.8059, 0.3017, 0.3262 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 42.8059, 0.3017, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

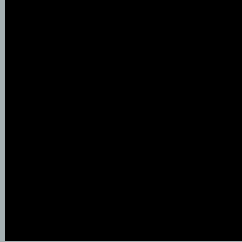
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

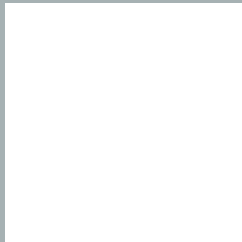
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8059, 0.3017, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 42.8059, 0.3017, 0.3262.



This preview shows how white text looks on a background with the Yxy color 42.8059, 0.3017, 0.3262.

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

42.8059, 0.3017, 0.3262

Protanopia

42.7935, 0.3129, 0.3250

Deuteranopia

42.5309, 0.3207, 0.3135



Tritanopia

42.6589, 0.2956, 0.3101

Trichromacy



Original Color

42.8059, 0.3017, 0.3262

Protanomaly

42.7585, 0.3085, 0.3249

Deuteranomaly

42.6241, 0.3141, 0.3184

Tritanomaly

42.7689, 0.2979, 0.3168

Monochromacy



Original Color

42.8059, 0.3017, 0.3262

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4525, 0.3084, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8059, 0.3017, 0.3262 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(166, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 179)  
}
```

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(166, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.8059, 0.3017, 0.3262 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(166, 177, 179) }
```

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

```
.border{ border-color:rgb(166, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8059, 0.3017, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 179) }
```

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

```
.background{ background-color: rgb(166,  
177, 179) }
```

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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