

Converting Colors

$Y_{xy}(42.3230, 0.2974, 0.3268)$

Have a look what the booklet for
Yxy(42.3230, 0.2974, 0.3268)
contains.

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Color

Yxy(42.2760, 0.2975, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A1B1B3
RGB	161, 177, 179
RGB Percent	63%, 69%, 70%
CMY	0.3686, 0.3059, 0.2981
CMYK	0.10, 0.01, 0.00, 0.30
HSL	187°, 11%, 67%
HSV	187°, 10%, 70%
XYZ	38.5564, 42.2760, 48.7690
YIQ	172.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

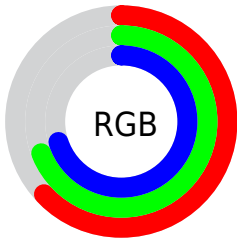
Format	Color
RYB	161, 169, 179
Decimal	10596787
CIELab	71.06, -5.13, -2.92
CIELCh	71, 5.903, 209.635
Yxy	42.2760, 0.2975, 0.3262
Android (android.graphics.Color)	4288786867 (0xFFA1B1B3)
YUV	172.4440, 3.2321, -10.0364
Hunter-Lab	65.0200, -7.9356, 1.0428

Details

The Yxy color $42.2760, 0.2975, 0.3262$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.3469, 0.3298, 0.3318$, and the grayscale version is $41.4797, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8749, 0.3002, 0.3268$, and $19.1729, 0.2930, 0.3251$ is the 20% darker color. If you saturate the color by 10%, you get $39.7745, 0.2829, 0.3232$, and if you desaturate by 10%, it is $45.0585, 0.3126, 0.3290$.

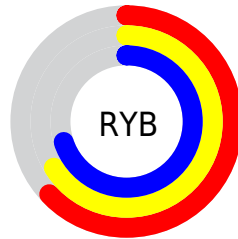
Distribution



Red (63%)

Green (69%)

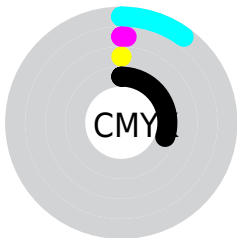
Blue (70%)



Red (63%)

Yellow (66%)

Blue (70%)

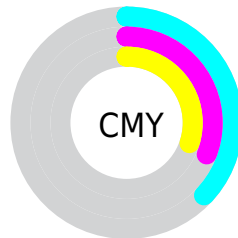


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2760, 0.2975, 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 42.2760, 0.2975, 0.3262 by changing the saturation by 10% instead.

■ 42.2760, 0.2975,
0.3262

■ 42.2760, 0.2975,
0.3262

355.6258, 0.3052,
0.3277

■ 29.3175, 0.2955,
0.3258

■ 78.6172, 0.3003,
0.3268

■ 19.3211, 0.2930,
0.3253

■ 102.7686, 0.3014,
0.3270

■ 11.9025, 0.2896,
0.3246

131.4198, 0.3023,
0.3271

■ 6.6773, 0.2848,
0.3235

164.9551, 0.3030,
0.3273

■ 3.2611, 0.2774,
0.3219

203.7590, 0.3037,
0.3274

■ 1.2695, 0.2648,
0.3188

248.2158, 0.3043,

■ 0.1174, 0.0000,

0.3275

0.2613

298.7099, 0.3048,
0.3276

■ 0.0000, 0.0000,
0.0000

■ 42.2760, 0.2975,
0.3262

■ 42.2760, 0.2975,
0.3262

■ 39.7745, 0.2829,
0.3232

■ 45.0585, 0.3126,
0.3290

■ 37.5374, 0.2691,
0.3199

■ 48.1274, 0.3281,
0.3315

■ 35.5545, 0.2565,
0.3165

■ 51.4945, 0.3435,
0.3338

■ 33.8125, 0.2452,
0.3128

■ 55.1693, 0.3587,
0.3358

■ 32.2973, 0.2356,
0.3091

■ 59.1609, 0.3737,
0.3376

■ 30.9928, 0.2277,
0.3053

■ 60.8476, 0.3769,
0.3395

■ 29.8812, 0.2218,
0.3015

■ 61.7024, 0.3763,
0.3416

■ 28.9410, 0.2177,
0.2977

■ 62.5689, 0.3757,
0.3436

■ 28.1313, 0.2150,
0.2940

■ 63.4470, 0.3751,
0.3457

Harmonies

Analogous

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



42.2760, 0.3027, 0.3340



42.2760, 0.2975, 0.3262



42.2760, 0.2963, 0.3193

Triad

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



42.2760, 0.2975, 0.3262



42.2760, 0.3147, 0.3180



42.2760, 0.3260, 0.3429

Complementary

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



42.2760, 0.2975, 0.3262



38.3469, 0.3298, 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.



42.2760, 0.3294, 0.3384



42.2760, 0.2975, 0.3262



42.2760, 0.3228, 0.3241

Square

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



42.2760, 0.2975, 0.3262



42.2760, 0.3062, 0.3147



42.2760, 0.3282, 0.3315



42.2760, 0.3191, 0.3437

Rectangle

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



42.2760, 0.2975, 0.3262



42.2760, 0.2980, 0.3162



42.2760, 0.3282, 0.3315



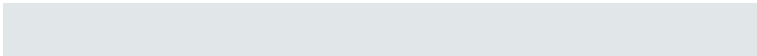
42.2760, 0.3276, 0.3418

Sweetspot

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



42.2778, 0.2975, 0.3262



79.1605, 0.3081, 0.3282



42.4507, 0.3101, 0.3519



17.4481, 0.3068, 0.3280



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.



42.2778, 0.2975, 0.3262



74.7210, 0.2943, 0.3256



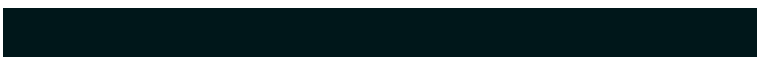
38.9108, 0.2974, 0.3138



9.4682, 0.2986, 0.3264



19.9405, 0.2151, 0.2944



0.6727, 0.2180, 0.3049

Inverse Universe

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



38.2488, 0.3156, 0.3074



66.1028, 0.3163, 0.3027



41.5831, 0.3285, 0.3437



8.6302, 0.3154, 0.3090



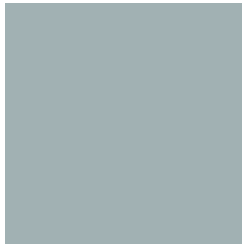
8.5531, 0.3504, 0.1704



0.2737, 0.3411, 0.1653

Previews

White Background



This preview shows how the Yxy color 42.2760, 0.2975, 0.3262 looks on a white background.

Color Contrast Check

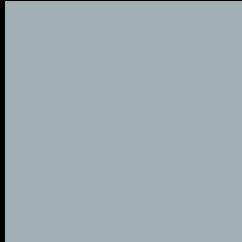
Large Text (above 18pt) WCAG AA × Fail

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 42.2760, 0.2975, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

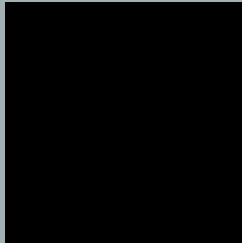
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

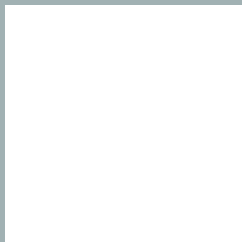
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2760, 0.2975, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 42.2760, 0.2975, 0.3262.



This preview shows how white text looks on a background with the Yxy color 42.2760, 0.2975, 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

42.2760, 0.2975, 0.3262

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

41.9063, 0.3190, 0.3121



Tritanopia

42.1206, 0.2915, 0.3099

Trichromacy



Original Color

42.2760, 0.2975, 0.3262

Protanomaly

42.1444, 0.3068, 0.3235

Deuteranomaly

41.8861, 0.3115, 0.3170

Tritanomaly

42.2348, 0.2937, 0.3166

Monochromacy



Original Color

42.2760, 0.2975, 0.3262

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6921, 0.3066, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2760, 0.2975, 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(161, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 177, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.2760, 0.2975, 0.3262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

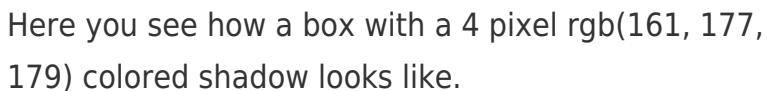
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 177, 179) }
```

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

```
.border{ border-color:rgb(161, 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(161, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 177, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 177, 179); box-shadow:4px 4px 4px 4px rgb(161, 177, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2760, 0.2975, 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(161, 177, 179) }
```

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

```
.background{ background-color: rgb(161,  
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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