

Converting Colors

$Yxy(42.1846, 0.2973, 0.3056)$

Have a look what the booklet for
Yxy(42.1846, 0.2973, 0.3056)
contains.

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Color

Yxy(42.2628, 0.2973, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	ABADBE
RGB	171, 173, 190
RGB Percent	67%, 68%, 75%
CMY	0.3294, 0.3216, 0.2548
CMYK	0.10, 0.09, 0.00, 0.25
HSL	234°, 13%, 71%
HSV	234°, 10%, 75%
XYZ	41.0344, 42.2628, 54.7263
YIQ	174.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

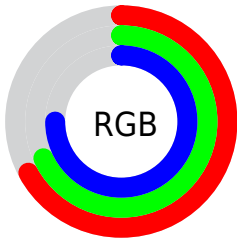
Format	Color
RYB	171, 173, 190
Decimal	11251134
CIELab	71.05, 2.67, -8.93
CIELCh	71, 9.319, 286.673
Yxy	42.2628, 0.2973, 0.3062
Android (android.graphics.Color)	4289441214 (0xFFABADBE)
YUV	174.3400, 7.7204, -2.9292
Hunter-Lab	65.0098, -1.0975, -4.4044

Details

The Yxy color **42.2628, 0.2973, 0.3062** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.8688, 0.3277, 0.3508**, and the grayscale version is **42.4749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3094, 0.3001, 0.3103**, and **19.4028, 0.2927, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **34.1707, 0.2802, 0.2805**, and if you desaturate by 10%, it is **51.4951, 0.3127, 0.3290**.

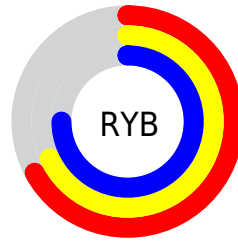
Distribution



Red (67%)

Green (68%)

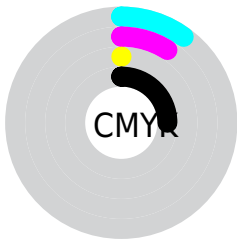
Blue (75%)



Red (67%)

Yellow (68%)

Blue (75%)

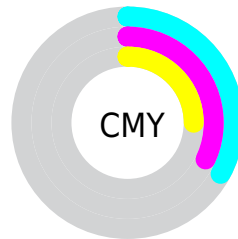


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2628, 0.2973, 0.3062 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 42.2628, 0.2973, 0.3062 by changing the saturation by 10% instead.

■ 42.2628, 0.2973,
0.3062

■ 42.2628, 0.2973,
0.3062

355.5712, 0.3051,
0.3177

■ 29.3071, 0.2953,
0.3033

■ 78.5972, 0.3002,
0.3104

■ 19.3133, 0.2927,
0.2996

102.7447, 0.3013,
0.3120

■ 11.8969, 0.2892,
0.2946

131.3917, 0.3022,
0.3133

■ 6.6735, 0.2842,
0.2875

164.9224, 0.3029,
0.3144

■ 3.2588, 0.2767,
0.2769

203.7213, 0.3036,
0.3154

■ 1.2683, 0.2637,
0.2592

248.1728, 0.3042,

■ 0.1164, 0.1686,

0.3163

0.1116

298.6613, 0.3047,
0.3170

0.0000, 0.0000,
0.0000

42.2628, 0.2973,
0.3062

42.2628, 0.2973,
0.3062

34.1707, 0.2802,
0.2805

51.4951, 0.3127,
0.3290

27.1693, 0.2615,
0.2519

61.9038, 0.3264,
0.3489

21.2134, 0.2416,
0.2209

73.5304, 0.3384,
0.3661

16.2527, 0.2212,
0.1886

86.4125, 0.3489,
0.3811

12.2326, 0.2014,
0.1563

96.4990, 0.3514,
0.3929

■ 9.0931, 0.1835,
0.1261

■ 6.7676, 0.1688,
0.1001

■ 5.1792, 0.1583,
0.0802

■ 4.2195, 0.1520,
0.0672

Harmonies

Analogous

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



42.2628, 0.2890, 0.3093



42.2628, 0.2973, 0.3062



42.2628, 0.3098, 0.3089

Triad

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



42.2628, 0.2973, 0.3062



42.2628, 0.3392, 0.3392



42.2628, 0.3019, 0.3418

Complementary

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



42.2628, 0.2973, 0.3062



49.8688, 0.3277, 0.3508

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.



42.2628, 0.3152, 0.3502



42.2628, 0.2973, 0.3062



42.2628, 0.3369, 0.3484

Square

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



42.2628, 0.2973, 0.3062



42.2628, 0.3342, 0.3277



42.2628, 0.3280, 0.3526



42.2628, 0.2916, 0.3298

Rectangle

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



42.2628, 0.2973, 0.3062



42.2628, 0.3190, 0.3137



42.2628, 0.3280, 0.3526



42.2628, 0.3061, 0.3451

Sweetspot

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



42.2646, 0.2973, 0.3062



87.9894, 0.3082, 0.3224



49.1201, 0.2991, 0.3319



19.0173, 0.3070, 0.3206



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.



42.2646, 0.2973, 0.3062



73.1949, 0.2937, 0.3008



42.3439, 0.3036, 0.3040



9.3827, 0.2984, 0.3078



2.8620, 0.1523, 0.0684



0.1668, 0.1601, 0.0964

Inverse Universe

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



43.0933, 0.3284, 0.3264



75.0181, 0.3323, 0.3259



49.8147, 0.3213, 0.3538



9.5523, 0.3272, 0.3266



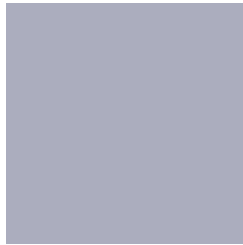
7.3186, 0.6259, 0.3222



0.2922, 0.5814, 0.2976

Previews

White Background



This preview shows how the Yxy color 42.2628, 0.2973, 0.3062 looks on a white background.

Color Contrast Check

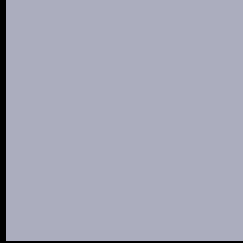
Large Text (above 18pt) WCAG AA × Fail

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 42.2628, 0.2973, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

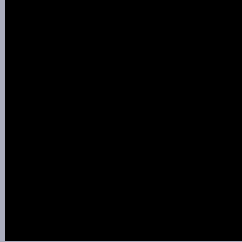
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

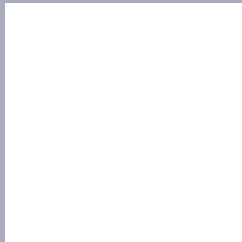
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2628, 0.2973, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 42.2628, 0.2973, 0.3062.



This preview shows how white text looks on a background with the Yxy color 42.2628, 0.2973, 0.3062.

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

42.2628, 0.2973, 0.3062

Protanopia

42.3755, 0.2982, 0.3063

Deuteranopia

42.2048, 0.3069, 0.3004



Tritanopia

42.1329, 0.2997, 0.3102

Trichromacy



Original Color

42.2628, 0.2973, 0.3062

Protanomaly

42.3755, 0.2982, 0.3063

Deuteranomaly

42.0947, 0.3034, 0.3014

Tritanomaly

42.1759, 0.2989, 0.3089

Monochromacy



Original Color

42.2628, 0.2973, 0.3062

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4516, 0.3070, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2628, 0.2973, 0.3062 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(171, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 190)  
}
```

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(171, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.2628, 0.2973, 0.3062 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(171, 173, 190) }
```

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

```
.border{ border-color:rgb(171, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2628, 0.2973, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 190) }
```

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

```
.background{ background-color: rgb(171,  
173, 190) }
```

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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