

Converting Colors

$Yxy(50.0697, 0.2978, 0.3249)$

Have a look what the booklet for
Yxy(50.0697, 0.2978, 0.3249)
contains.

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Color

Yxy(50.2706, 0.2978, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	AFBFC2
RGB	175, 191, 194
RGB Percent	69%, 75%, 76%
CMY	0.3137, 0.2510, 0.2392
CMYK	0.10, 0.02, 0.00, 0.24
HSL	189°, 13%, 72%
HSV	189°, 10%, 76%
XYZ	46.0492, 50.2706, 58.3114
YIQ	186.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

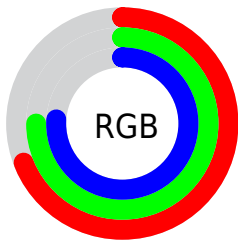
Format	Color
RYB	175, 184, 194
Decimal	11517890
CIELab	76.24, -4.86, -3.39
CIELCh	76, 5.927, 214.885
Yxy	50.2706, 0.2978, 0.3251
Android (android.graphics.Color)	4289707970 (0xFFAFBFC2)
YUV	186.5580, 3.6689, -10.1364
Hunter-Lab	70.9018, -8.1462, 0.8696

Details

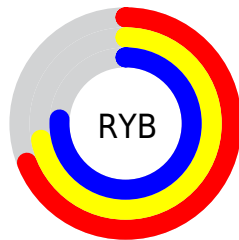
The Yxy color **50.2706, 0.2978, 0.3251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4084, 0.3293, 0.3329**, and the grayscale version is **49.4177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4126, 0.3009, 0.3260**, and **24.2080, 0.2937, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **46.8660, 0.2830, 0.3208**, and if you desaturate by 10%, it is **54.0298, 0.3130, 0.3291**.

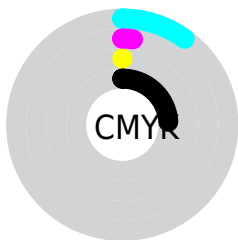
Distribution



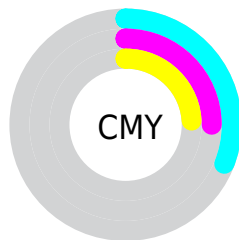
- Red (69%)
- Green (75%)
- Blue (76%)



- Red (69%)
- Yellow (72%)
- Blue (76%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2706, 0.2978, 0.3251 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 50.2706, 0.2978, 0.3251 by changing the saturation by 10% instead.

■ 50.2706, 0.2978,
0.3251

■ 50.2706, 0.2978,
0.3251

387.7232, 0.3051,
0.3271

■ 35.6285, 0.2960,
0.3246

■ 90.5757, 0.3004,
0.3258

■ 24.1474, 0.2937,
0.3240

117.0074, 0.3014,
0.3261

■ 15.4430, 0.2907,
0.3231

148.1378, 0.3023,
0.3263

■ 9.1309, 0.2866,
0.3219

184.3512, 0.3030,
0.3265

■ 4.8266, 0.2805,
0.3201

226.0321, 0.3037,
0.3267

■ 2.1459, 0.2708,
0.3170

273.5647, 0.3042,

■ 0.6903, 0.2425,

0.3268

0.3114

327.3337, 0.3047,
0.3270

0.0000, 0.0000,
0.0000

50.2706, 0.2978,
0.3251

50.2706, 0.2978,
0.3251

46.8660, 0.2830,
0.3208

54.0298, 0.3130,
0.3291

43.7958, 0.2688,
0.3161

58.1503, 0.3284,
0.3327

41.0472, 0.2557,
0.3110

62.6465, 0.3437,
0.3359

38.6044, 0.2438,
0.3058

67.5302, 0.3588,
0.3388

36.4496, 0.2336,
0.3003

69.4419, 0.3599,
0.3418

■ 34.5636, 0.2251,
0.2947

■ 70.9324, 0.3592,
0.3449

■ 32.9241, 0.2185,
0.2891

■ 72.4516, 0.3585,
0.3480

■ 31.5051, 0.2138,
0.2835

■ 73.9999, 0.3578,
0.3511

■ 30.2572, 0.2106,
0.2780

■ 75.5774, 0.3571,
0.3542

Harmonies

Analogous

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



50.2706, 0.3021, 0.3324



50.2706, 0.2978, 0.3251



50.2706, 0.2974, 0.3189

Triad

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



50.2706, 0.2978, 0.3251



50.2706, 0.3160, 0.3194



50.2706, 0.3244, 0.3426

Complementary

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



50.2706, 0.2978, 0.3251



46.4084, 0.3293, 0.3329

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.



50.2706, 0.3282, 0.3389



50.2706, 0.2978, 0.3251



50.2706, 0.3234, 0.3255

Square

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



50.2706, 0.2978, 0.3251



50.2706, 0.3079, 0.3158



50.2706, 0.3279, 0.3326



50.2706, 0.3174, 0.3427

Rectangle

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



50.2706, 0.2978, 0.3251



50.2706, 0.2995, 0.3163



50.2706, 0.3279, 0.3326



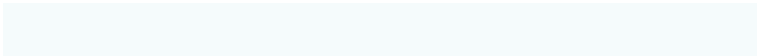
50.2706, 0.3261, 0.3417

Sweetspot

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



50.2727, 0.2978, 0.3251



95.6012, 0.3080, 0.3278



50.9058, 0.3095, 0.3501



20.8125, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



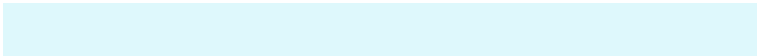
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2727, 0.2978, 0.3251



89.5444, 0.2942, 0.3241



46.3263, 0.2977, 0.3129



11.1491, 0.2984, 0.3253



19.9762, 0.2107, 0.2786



0.9374, 0.2142, 0.2910

Inverse Universe

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



45.8959, 0.3163, 0.3090



79.8620, 0.3172, 0.3039



50.2545, 0.3280, 0.3446



10.2193, 0.3161, 0.3098



9.2988, 0.3648, 0.1783



0.4093, 0.3535, 0.1721

Previews

White Background



This preview shows how the Yxy color 50.2706, 0.2978, 0.3251 looks on a white background.

Color Contrast Check

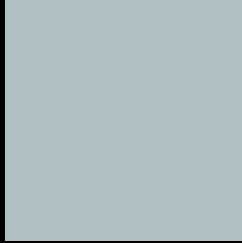
Large Text (above 18pt) WCAG AA × Fail

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 50.2706, 0.2978, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

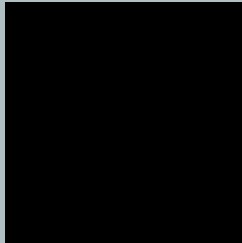
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

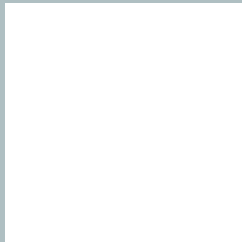
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2706, 0.2978, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 50.2706, 0.2978, 0.3251.



This preview shows how white text looks on a background with the Yxy color 50.2706, 0.2978, 0.3251.

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

50.2706, 0.2978, 0.3251

Protanopia

50.2936, 0.3114, 0.3227

Deuteranopia

49.9980, 0.3186, 0.3120



Tritanopia

50.1019, 0.2922, 0.3100

Trichromacy



Original Color

50.2706, 0.2978, 0.3251

Protanomaly

50.1310, 0.3065, 0.3227

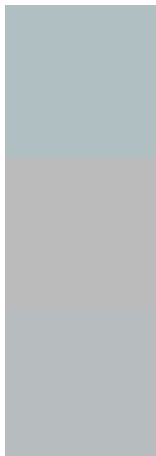
Deuteranomaly

49.8445, 0.3108, 0.3166

Tritanomaly

50.2271, 0.2943, 0.3162

Monochromacy



Original Color

50.2706, 0.2978, 0.3251

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7514, 0.3071, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2706, 0.2978, 0.3251 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, 191, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 194)  
}
```

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, 191, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.2706, 0.2978, 0.3251 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, 191, 194) }
```

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

```
.border{ border-color:rgb(175, 191, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2706, 0.2978, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 194) }
```

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

```
.background{ background-color: rgb(175,  
191, 194) }
```

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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