

Converting Colors

$Y_{xy}(51.4090, 0.2974, 0.3228)$

Have a look what the booklet for
Yxy(51.4090, 0.2974, 0.3228)
contains.

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Color

Yxy(51.6361, 0.2980, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	B2C1C5
RGB	178, 193, 197
RGB Percent	70%, 76%, 77%
CMY	0.3019, 0.2431, 0.2275
CMYK	0.10, 0.02, 0.00, 0.23
HSL	193°, 14%, 74%
HSV	193°, 10%, 77%
XYZ	47.5071, 51.6361, 60.2767
YIQ	188.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

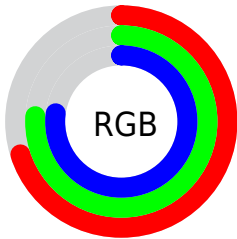
Format	Color
R _Y B	178, 186, 197
Decimal	11715013
CIE Lab	77.06, -4.33, -3.77
CIE LCh	77, 5.738, 221.038
Yxy	51.6361, 0.2980, 0.3239
Android (android.graphics.Color)	4289905093 (0xFFB2C1C5)
YUV	188.9710, 3.9583, -9.6216
Hunter-Lab	71.8583, -7.7416, 0.5667

Details

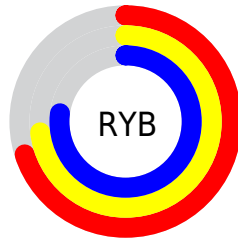
The Yxy color **51.6361, 0.2980, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5326, 0.3289, 0.3340**, and the grayscale version is **50.8537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3995, 0.3005, 0.3240**, and **25.0993, 0.2940, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **47.6719, 0.2830, 0.3181**, and if you desaturate by 10%, it is **55.9903, 0.3133, 0.3292**.

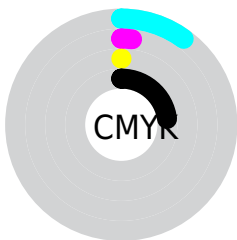
Distribution



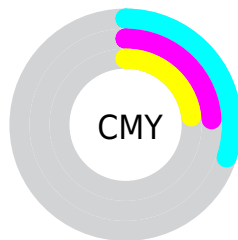
- Red (70%)
- Green (76%)
- Blue (77%)



- Red (70%)
- Yellow (73%)
- Blue (77%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6361, 0.2980, 0.3239 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 51.6361, 0.2980, 0.3239 by changing the saturation by 10% instead.

■ 51.6361, 0.2980,
0.3239

■ 51.6361, 0.2980,
0.3239

393.0301, 0.3052,
0.3265

■ 36.7151, 0.2962,
0.3233

■ 92.5943, 0.3006,
0.3248

■ 24.9870, 0.2940,
0.3224

119.4004, 0.3016,
0.3252

■ 16.0674, 0.2911,
0.3214

150.9369, 0.3024,
0.3255

■ 9.5718, 0.2871,
0.3198

187.5882, 0.3031,
0.3257

■ 5.1160, 0.2812,
0.3176

229.7388, 0.3037,
0.3259

■ 2.3155, 0.2720,
0.3139

277.7731, 0.3043,

■ 0.7819, 0.2508,

0.3261

0.3076

332.0754, 0.3048,
0.3263

0.0000, 0.0000,
0.0000

51.6361, 0.2980,
0.3239

51.6361, 0.2980,
0.3239

47.6719, 0.2830,
0.3181

55.9903, 0.3133,
0.3292

44.0765, 0.2685,
0.3118

60.7417, 0.3285,
0.3339

40.8365, 0.2549,
0.3051

65.9054, 0.3436,
0.3382

37.9351, 0.2424,
0.2980

71.1512, 0.3569,
0.3420

35.3537, 0.2315,
0.2906

73.2113, 0.3560,
0.3462

■ 33.0721, 0.2222,
0.2830

■ 75.3245, 0.3551,
0.3504

■ 31.0670, 0.2149,
0.2753

■ 77.4910, 0.3541,
0.3545

■ 29.3110, 0.2094,
0.2677

■ 79.7113, 0.3532,
0.3586

■ 27.7544, 0.2056,
0.2601

■ 81.9857, 0.3524,
0.3626

Harmonies

Analogous

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



51.6361, 0.3014, 0.3309



51.6361, 0.2980, 0.3239



51.6361, 0.2985, 0.3184

Triad

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



51.6361, 0.2980, 0.3239



51.6361, 0.3175, 0.3208



51.6361, 0.3227, 0.3424

Complementary

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



51.6361, 0.2980, 0.3239



48.5326, 0.3289, 0.3340

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.



51.6361, 0.3272, 0.3395



51.6361, 0.2980, 0.3239



51.6361, 0.3241, 0.3270

Square

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



51.6361, 0.2980, 0.3239



51.6361, 0.3096, 0.3168



51.6361, 0.3277, 0.3338



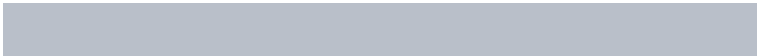
51.6361, 0.3157, 0.3416

Rectangle

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



51.6361, 0.2980, 0.3239



51.6361, 0.3009, 0.3164



51.6361, 0.3277, 0.3338



51.6361, 0.3246, 0.3418

Sweetspot

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



51.6383, 0.2980, 0.3239



97.5586, 0.3081, 0.3274



52.7606, 0.3088, 0.3485



20.7443, 0.3068, 0.3270



0.0000, 0.0000, 0.0000



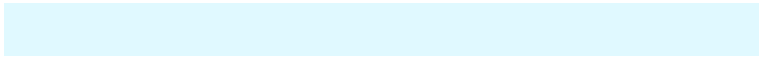
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6383, 0.2980, 0.3239



90.6252, 0.2941, 0.3225



47.6520, 0.2979, 0.3119



11.6753, 0.2984, 0.3240



18.3459, 0.2058, 0.2608



0.9662, 0.2102, 0.2766

Inverse Universe

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



47.5614, 0.3170, 0.3104



81.6001, 0.3183, 0.3054



52.4716, 0.3276, 0.3455



10.7770, 0.3169, 0.3109



9.3920, 0.3816, 0.1876



0.4546, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 51.6361, 0.2980, 0.3239 looks on a white background.

Color Contrast Check

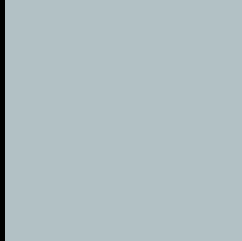
Large Text (above 18pt) WCAG AA × Fail

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 51.6361, 0.2980, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

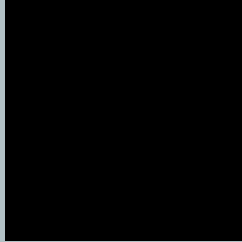
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

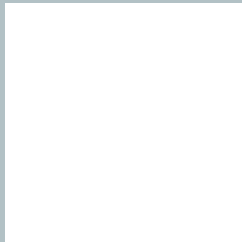
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6361, 0.2980, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 51.6361, 0.2980, 0.3239.



This preview shows how white text looks on a background with the Yxy color 51.6361, 0.2980, 0.3239.

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

51.6361, 0.2980, 0.3239

Protanopia

51.5418, 0.3106, 0.3216

Deuteranopia

51.2419, 0.3177, 0.3110



Tritanopia

51.4699, 0.2924, 0.3090

Trichromacy



Original Color

51.6361, 0.2980, 0.3239

Protanomaly

51.3772, 0.3058, 0.3215

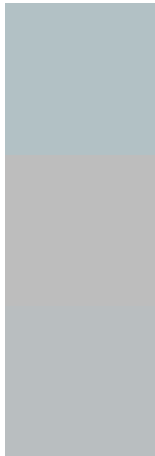
Deuteranomaly

51.2200, 0.3109, 0.3155

Tritanomaly

51.5948, 0.2945, 0.3151

Monochromacy



Original Color

51.6361, 0.2980, 0.3239

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9470, 0.3072, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6361, 0.2980, 0.3239 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(178, 193, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 193, 197)  
}
```

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(178, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 193, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.6361, 0.2980, 0.3239 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(178, 193, 197) }
```

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

```
.border{ border-color:rgb(178, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 193,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6361, 0.2980, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 193, 197) }
```

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

```
.background{ background-color: rgb(178,  
193, 197) }
```

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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