

Converting Colors

$Yxy(51.3993, 0.3021, 0.3220)$

Have a look what the booklet for
Yxy(51.3993, 0.3021, 0.3220)
contains.

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Color

Yxy(51.3601, 0.3019, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	B7BFC5
RGB	183, 191, 197
RGB Percent	72%, 75%, 77%
CMY	0.2822, 0.2510, 0.2274
CMYK	0.07, 0.03, 0.00, 0.23
HSL	206°, 11%, 75%
HSV	206°, 7%, 77%
XYZ	48.2440, 51.3601, 60.1971
YIQ	189.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

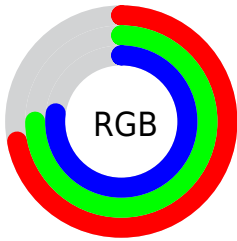
Format	Color
R_{YB}	183, 188, 197
Decimal	12042181
CIE _{Lab}	76.90, -1.57, -3.98
CIE _{LCh}	77, 4.280, 248.468
Yxy	51.3601, 0.3019, 0.3214
Android (android.graphics.Color)	4290232261 (0xFFB7BFC5)
YUV	189.2920, 3.8000, -5.5181
Hunter-Lab	71.6660, -5.2531, 0.3645

Details

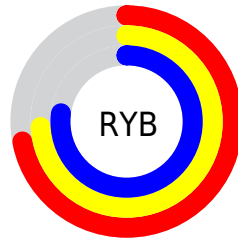
The Yxy color **51.3601, 0.3019, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7080, 0.3240, 0.3365**, and the grayscale version is **51.0496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0280, 0.3036, 0.3221**, and **24.9060, 0.2992, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **45.5208, 0.2863, 0.3097**, and if you desaturate by 10%, it is **57.7560, 0.3171, 0.3319**.

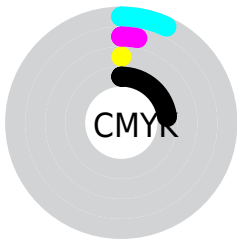
Distribution



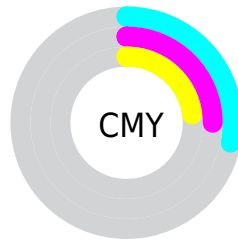
- Red (72%)
- Green (75%)
- Blue (77%)



- Red (72%)
- Yellow (74%)
- Blue (77%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3601, 0.3019, 0.3214 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 51.3601, 0.3019, 0.3214 by changing the saturation by 10% instead.

■ 51.3601, 0.3019,
0.3214

■ 51.3601, 0.3019,
0.3214

391.9612, 0.3072,
0.3252

■ 36.4953, 0.3006,
0.3205

■ 92.1868, 0.3038,
0.3228

■ 24.8169, 0.2990,
0.3193

118.9175, 0.3045,
0.3233

■ 15.9407, 0.2968,
0.3177

150.3723, 0.3051,
0.3237

■ 9.4822, 0.2938,
0.3156

186.9356, 0.3057,
0.3241

■ 5.0570, 0.2894,
0.3124

228.9917, 0.3061,
0.3244

■ 2.2808, 0.2825,
0.3073

276.9251, 0.3065,

■ 0.7635, 0.2677,

0.3247

0.2973

331.1201, 0.3069,
0.3249

0.0000, 0.0000,
0.0000

51.3601, 0.3019,
0.3214

51.3601, 0.3019,
0.3214

45.5208, 0.2863,
0.3097

57.7560, 0.3171,
0.3319

40.2140, 0.2705,
0.2967

64.7188, 0.3316,
0.3413

35.4233, 0.2548,
0.2826

72.2662, 0.3455,
0.3496

31.1289, 0.2396,
0.2675

79.0934, 0.3535,
0.3574

27.3092, 0.2253,
0.2515

83.7900, 0.3517,
0.3657

■ 23.9408, 0.2124,
0.2350

■ 88.7174, 0.3499,
0.3738

■ 20.9976, 0.2013,
0.2182

■ 93.8788, 0.3481,
0.3817

■ 18.4497, 0.1923,
0.2016

■ 96.8115, 0.3472,
0.3860

■ 16.2577, 0.1854,
0.1856

Harmonies

Analogous

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



51.3601, 0.3018, 0.3256



51.3601, 0.3019, 0.3214



51.3601, 0.3049, 0.3192

Triad

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



51.3601, 0.3019, 0.3214



51.3601, 0.3209, 0.3271



51.3601, 0.3154, 0.3386

Complementary

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



51.3601, 0.3019, 0.3214



51.7080, 0.3240, 0.3365

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.



51.3601, 0.3206, 0.3389



51.3601, 0.3019, 0.3214



51.3601, 0.3238, 0.3322

Square

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



51.3601, 0.3019, 0.3214



51.3601, 0.3158, 0.3226



51.3601, 0.3237, 0.3365



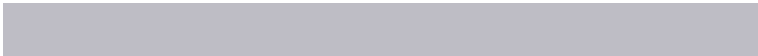
51.3601, 0.3096, 0.3356

Rectangle

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



51.3601, 0.3019, 0.3214



51.3601, 0.3081, 0.3192



51.3601, 0.3237, 0.3365



51.3601, 0.3173, 0.3390

Sweetspot

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



51.3623, 0.3019, 0.3214



97.6530, 0.3096, 0.3269



53.6751, 0.3077, 0.3393



20.9264, 0.3098, 0.3270



0.0000, 0.0000, 0.0000



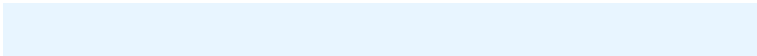
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3623, 0.3019, 0.3214



89.7631, 0.2987, 0.3191



48.4678, 0.3020, 0.3127



11.2734, 0.2983, 0.3188



10.4731, 0.1842, 0.1830



0.6378, 0.1935, 0.2165

Inverse Universe

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



49.5147, 0.3183, 0.3192



85.6014, 0.3200, 0.3163



54.7003, 0.3232, 0.3448



10.7365, 0.3202, 0.3159



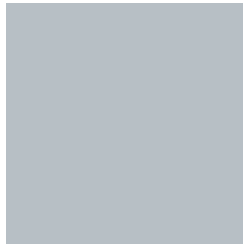
8.5973, 0.4649, 0.2335



0.4214, 0.4270, 0.2126

Previews

White Background



This preview shows how the Yxy color 51.3601, 0.3019, 0.3214 looks on a white background.

Color Contrast Check

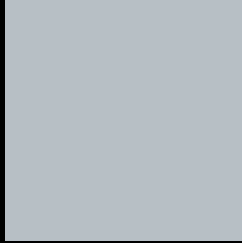
Large Text (above 18pt) WCAG AA × Fail

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 51.3601, 0.3019, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

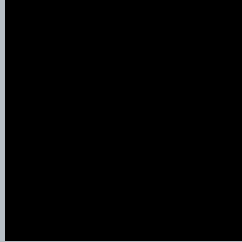
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

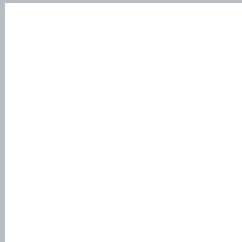
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3601, 0.3019, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 51.3601, 0.3019, 0.3214.

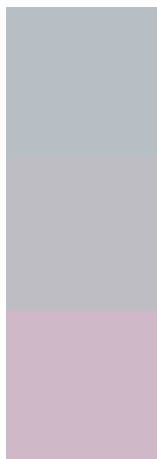


This preview shows how white text looks on a background with the Yxy color 51.3601, 0.3019, 0.3214.

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

51.3601, 0.3019, 0.3214

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.1956, 0.3185, 0.3122



Tritanopia

51.4250, 0.2969, 0.3103

Trichromacy



Original Color

51.3601, 0.3019, 0.3214

Protanomaly

51.5038, 0.3066, 0.3215

Deuteranomaly

51.3536, 0.3117, 0.3155

Tritanomaly

51.2815, 0.2990, 0.3140

Monochromacy



Original Color

51.3601, 0.3019, 0.3214

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1975, 0.3088, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3601, 0.3019, 0.3214 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(183, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 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(183, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.3601, 0.3019, 0.3214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

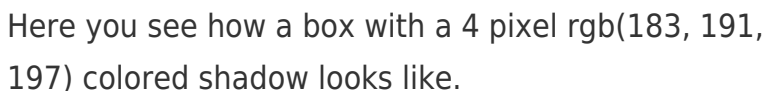
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 191, 197) }
```

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

```
.border{ border-color:rgb(183, 191, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 191, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 191, 197); box-shadow:4px 4px 4px 4px rgb(183, 191, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3601, 0.3019, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 197) }
```

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

```
.background{ background-color: rgb(183,  
191, 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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