

Converting Colors

$Yxy(51.8792, 0.3121, 0.3423)$

Have a look what the booklet for
Yxy(51.8792, 0.3121, 0.3423)
contains.

Yxy(52.0698, 0.3121, 0.3430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.0698, 0.3121, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	B7C2B7
RGB	183, 194, 183
RGB Percent	72%, 76%, 72%
CMY	0.2821, 0.2393, 0.2823
CMYK	0.06, 0.00, 0.06, 0.24
HSL	120°, 8%, 74%
HSV	120°, 6%, 76%
XYZ	47.3790, 52.0698, 52.3582
YIQ	189.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

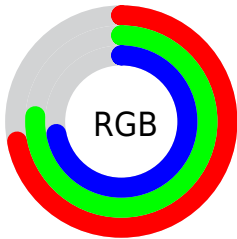
Format	Color
RYB	183, 194, 194
Decimal	12042935
CIELab	77.32, -5.80, 4.21
CIElCh	77, 7.172, 144.035
Yxy	52.0698, 0.3121, 0.3430
Android (android.graphics.Color)	4290233015 (0xFFB7C2B7)
YUV	189.4570, -3.1833, -5.6628
Hunter-Lab	72.1594, -9.0781, 7.4913

Details

The Yxy color **52.0698, 0.3121, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2268, 0.3133, 0.3154**, and the grayscale version is **51.1907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9539, 0.3122, 0.3400**, and **25.1137, 0.3119, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **49.1104, 0.3109, 0.3704**, and if you desaturate by 10%, it is **55.4698, 0.3132, 0.3190**.

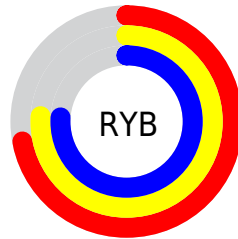
Distribution



Red (72%)

Green (76%)

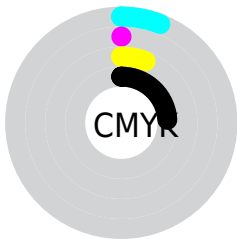
Blue (72%)



Red (72%)

Yellow (76%)

Blue (76%)

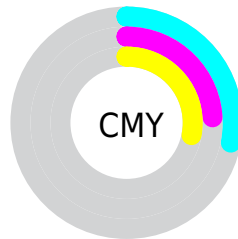


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0698, 0.3121, 0.3430 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 52.0698, 0.3121, 0.3430 by changing the saturation by 10% instead.


 52.0698, 0.3121,
0.3430

 52.0698, 0.3121,
0.3430


394.7060, 0.3124,
0.3361

 37.0607, 0.3120,
0.3447


 93.2342, 0.3122,
0.3405

 25.2545, 0.3119,
0.3469


120.1582, 0.3123,
0.3396

 16.2668, 0.3117,
0.3498


151.8228, 0.3123,
0.3388

 9.7131, 0.3115,
0.3538

188.6122, 0.3123,
0.3381

 5.2092, 0.3111,
0.3598

230.9108, 0.3124,
0.3375

 2.3705, 0.3103,
0.3695

279.1030, 0.3124,

 0.8107, 0.3101,

0.3369

0.3998

333.5733, 0.3124,
0.3365

0.0000, 0.0000,
0.0000

52.0698, 0.3121,
0.3430

52.0698, 0.3121,
0.3430

49.1104, 0.3109,
0.3704

55.4698, 0.3132,
0.3190

46.5673, 0.3095,
0.4013

59.3205, 0.3141,
0.2982

44.4239, 0.3080,
0.4349

63.6398, 0.3148,
0.2803

42.6599, 0.3064,
0.4704

67.0578, 0.3155,
0.2693

41.2531, 0.3047,
0.5057

■ 40.1792, 0.3032,
0.5385

■ 39.4108, 0.3018,
0.5659

■ 38.9161, 0.3008,
0.5856

■ 38.6562, 0.3002,
0.5967

Harmonies

Analogous

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



52.0698, 0.3216, 0.3459



52.0698, 0.3121, 0.3430



52.0698, 0.3028, 0.3362

Triad

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



52.0698, 0.3121, 0.3430



52.0698, 0.2967, 0.3139



52.0698, 0.3295, 0.3302

Complementary

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



52.0698, 0.3121, 0.3430



49.2268, 0.3133, 0.3154

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.



52.0698, 0.3226, 0.3220



52.0698, 0.3121, 0.3430



52.0698, 0.3037, 0.3126

Square

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



52.0698, 0.3121, 0.3430



52.0698, 0.2940, 0.3193



52.0698, 0.3131, 0.3156



52.0698, 0.3318, 0.3383

Rectangle

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



52.0698, 0.3121, 0.3430



52.0698, 0.2980, 0.3304



52.0698, 0.3131, 0.3156



52.0698, 0.3276, 0.3274

Sweetspot

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



52.0720, 0.3121, 0.3430



96.4954, 0.3125, 0.3339



53.3834, 0.3210, 0.3424



21.1447, 0.3125, 0.3337



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.



52.0720, 0.3121, 0.3430



93.5276, 0.3119, 0.3468



52.2909, 0.3082, 0.3362



11.3876, 0.3119, 0.3478



25.3724, 0.3001, 0.5999



1.0970, 0.3006, 0.5996

Inverse Universe

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



49.2268, 0.3133, 0.3154



87.1110, 0.3135, 0.3118



48.9994, 0.3175, 0.3219



10.5645, 0.3135, 0.3109



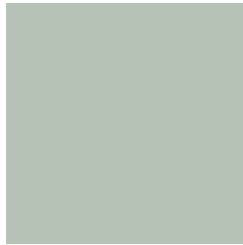
10.0248, 0.3198, 0.1535



0.4339, 0.3201, 0.1537

Previews

White Background



This preview shows how the Yxy color 52.0698, 0.3121, 0.3430 looks on a white background.

Color Contrast Check

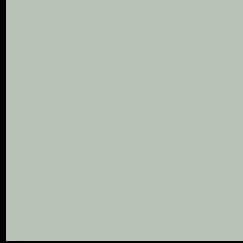
Large Text (above 18pt) WCAG AA × Fail

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 52.0698, 0.3121, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

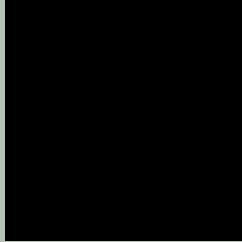
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

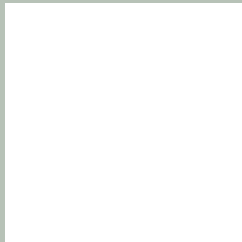
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0698, 0.3121, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 52.0698, 0.3121, 0.3430.



This preview shows how white text looks on a background with the Yxy color 52.0698, 0.3121, 0.3430.

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

52.0698, 0.3121, 0.3430

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

51.6326, 0.3350, 0.3279



Tritanopia

52.2826, 0.2985, 0.3105

Trichromacy



Original Color

52.0698, 0.3121, 0.3430

Protanomaly

51.8455, 0.3204, 0.3403

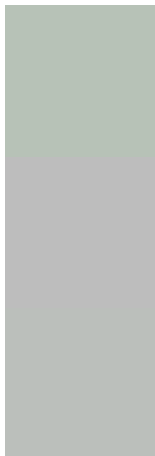
Deuteranomaly

51.8446, 0.3267, 0.3339

Tritanomaly

52.2156, 0.3035, 0.3215

Monochromacy



Original Color

52.0698, 0.3121, 0.3430

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4143, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0698, 0.3121, 0.3430 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, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 183)  
}
```

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, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.0698, 0.3121, 0.3430 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, 194, 183) }
```

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

```
.border{ border-color:rgb(183, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0698, 0.3121, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 183) }
```

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

```
.background{ background-color: rgb(183,  
194, 183) }
```

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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