

Converting Colors

Yxy(52.6291, 0.3130, 0.3553)

Have a look what the booklet for
Yxy(52.6291, 0.3130, 0.3553)
contains.

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Color

Yxy(52.6905, 0.3131, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	B3C5B1
RGB	179, 197, 177
RGB Percent	70%, 77%, 69%
CMY	0.2979, 0.2275, 0.3058
CMYK	0.09, 0.00, 0.10, 0.23
HSL	114°, 15%, 73%
HSV	114°, 10%, 77%
XYZ	46.4977, 52.6905, 49.3194
YIQ	189.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

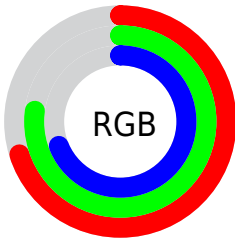
Format	Color
RYB	177, 197, 195
Decimal	11781553
CIELab	77.69, -9.87, 7.94
CIELCh	78, 12.668, 141.182
Yxy	52.6905, 0.3131, 0.3548
Android (android.graphics.Color)	4289971633 (0xFFB3C5B1)
YUV	189.3380, -6.0826, -9.0664
Hunter-Lab	72.5882, -12.6879, 10.5277

Details

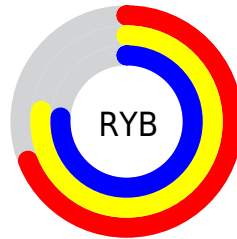
The Yxy color **52.6905, 0.3131, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0790, 0.3121, 0.3042**, and the grayscale version is **51.1336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4290, 0.3130, 0.3501**, and **25.5358, 0.3133, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **49.9859, 0.3133, 0.3834**, and if you desaturate by 10%, it is **55.7841, 0.3127, 0.3293**.

Distribution



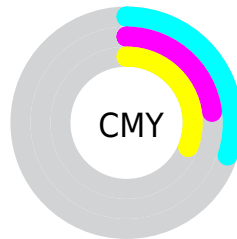
- Red (70%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)




- Cyan (30%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6905, 0.3131, 0.3548 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 52.6905, 0.3131, 0.3548 by changing the saturation by 10% instead.


 52.6905, 0.3131,
0.3548

 52.6905, 0.3131,
0.3548


397.0966, 0.3130,
0.3420

 37.5558, 0.3131,
0.3580


 94.1488, 0.3131,
0.3501

 25.6381, 0.3131,
0.3621


121.2411, 0.3131,
0.3484

 16.5531, 0.3130,
0.3675


153.0881, 0.3131,
0.3469

 9.9164, 0.3128,
0.3751

190.0741, 0.3131,
0.3456

 5.3435, 0.3125,
0.3864

232.5836, 0.3130,
0.3445

 2.4502, 0.3115,
0.4048

281.0009, 0.3130,

 0.8515, 0.3172,

0.3436

0.4752

335.7104, 0.3130,
0.3427

0.0000, 0.0000,
0.0000

52.6905, 0.3131,
0.3548

52.6905, 0.3131,
0.3548

49.9859, 0.3133,
0.3834

55.7841, 0.3127,
0.3293

47.6485, 0.3132,
0.4150

59.2742, 0.3122,
0.3070

45.6644, 0.3128,
0.4489

63.1765, 0.3116,
0.2876

44.0164, 0.3119,
0.4836

67.4518, 0.3116,
0.2716

42.6857, 0.3106,
0.5174

68.4110, 0.3154,
0.2722

■ 41.6519, 0.3088,
0.5477

■ 40.8918, 0.3066,
0.5721

■ 40.3790, 0.3042,
0.5889

■ 40.0785, 0.3023,
0.5982

Harmonies

Analogous

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



52.6905, 0.3297, 0.3590



52.6905, 0.3131, 0.3548



52.6905, 0.2967, 0.3431

Triad

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



52.6905, 0.3131, 0.3548



52.6905, 0.2840, 0.3031



52.6905, 0.3414, 0.3295

Complementary

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



52.6905, 0.3131, 0.3548



47.0790, 0.3121, 0.3042

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.



52.6905, 0.3286, 0.3154



52.6905, 0.3131, 0.3548



52.6905, 0.2954, 0.3004

Square

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



52.6905, 0.3131, 0.3548



52.6905, 0.2802, 0.3129



52.6905, 0.3116, 0.3049



52.6905, 0.3464, 0.3438

Rectangle

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



52.6905, 0.3131, 0.3548



52.6905, 0.2880, 0.3328



52.6905, 0.3116, 0.3049



52.6905, 0.3379, 0.3246

Sweetspot

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



52.6928, 0.3131, 0.3548



98.2358, 0.3128, 0.3364



53.9249, 0.3280, 0.3509



20.9280, 0.3129, 0.3384



0.0000, 0.0000, 0.0000



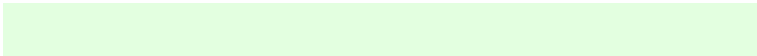
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6928, 0.3131, 0.3548



93.3339, 0.3132, 0.3604



52.7683, 0.3060, 0.3448



11.9382, 0.3131, 0.3528



26.3798, 0.3027, 0.5979



1.2669, 0.3112, 0.5911

Inverse Universe

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



47.0790, 0.3121, 0.3042



81.4256, 0.3120, 0.2991



47.0071, 0.3201, 0.3137



10.7602, 0.3122, 0.3061



8.8297, 0.2959, 0.1404



0.4342, 0.3014, 0.1434

Previews

White Background



This preview shows how the Yxy color 52.6905, 0.3131, 0.3548 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 52.6905, 0.3131, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

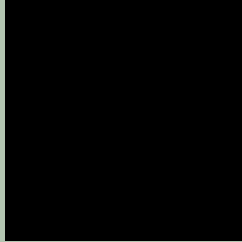
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

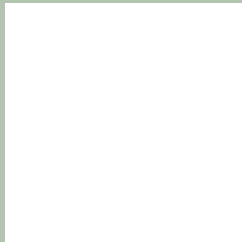
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6905, 0.3131, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 52.6905, 0.3131, 0.3548.



This preview shows how white text looks on a background with the Yxy color 52.6905, 0.3131, 0.3548.

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

52.6905, 0.3131, 0.3548

Protanopia

52.4597, 0.3325, 0.3501

Deuteranopia

52.3997, 0.3433, 0.3362



Tritanopia

52.8843, 0.2948, 0.3105

Trichromacy



Original Color

52.6905, 0.3131, 0.3548

Protanomaly

52.4415, 0.3256, 0.3517

Deuteranomaly

52.1661, 0.3322, 0.3426

Tritanomaly

52.5599, 0.3011, 0.3252

Monochromacy



Original Color

52.6905, 0.3131, 0.3548

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5163, 0.3123, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6905, 0.3131, 0.3548 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(179, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 197, 177)  
}
```

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(179, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 197, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.6905, 0.3131, 0.3548 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(179, 197, 177) }
```

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

```
.border{ border-color:rgb(179, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 197,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6905, 0.3131, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 197, 177) }
```

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

```
.background{ background-color: rgb(179,  
197, 177) }
```

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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