

Converting Colors

$Yxy(53.0519, 0.3155, 0.3546)$

Have a look what the booklet for
Yxy(53.0519, 0.3155, 0.3546)
contains.

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Color

Yxy(53.0519, 0.3155, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5B1
RGB	182, 197, 177
RGB Percent	71%, 77%, 69%
CMY	0.2861, 0.2275, 0.3058
CMYK	0.08, 0.00, 0.10, 0.23
HSL	105°, 15%, 73%
HSV	105°, 10%, 77%
XYZ	47.2021, 53.0519, 49.3565
YIQ	190.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

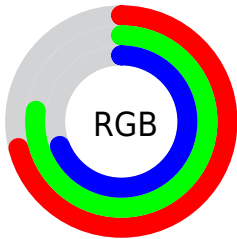
Format	Color
RYB	177, 197, 192
Decimal	11978161
CIELab	77.91, -8.81, 8.27
CIELCh	78, 12.085, 136.814
Yxy	53.0519, 0.3155, 0.3546
Android (android.graphics.Color)	4290168241 (0xFFB6C5B1)
YUV	190.2350, -6.5249, -7.2221
Hunter-Lab	72.8367, -11.7867, 10.8089

Details

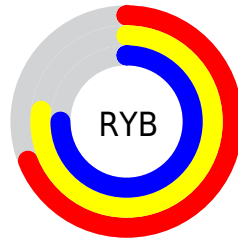
The Yxy color **53.0519, 0.3155, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6852, 0.3096, 0.3041**, and the grayscale version is **51.6798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9440, 0.3149, 0.3500**, and **25.7673, 0.3165, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **50.6220, 0.3181, 0.3826**, and if you desaturate by 10%, it is **55.7888, 0.3128, 0.3293**.

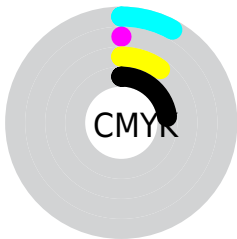
Distribution



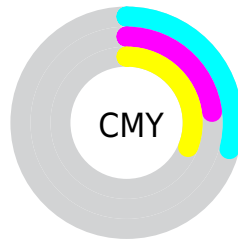
- Red (71%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (29%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0519, 0.3155, 0.3546 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 53.0519, 0.3155, 0.3546 by changing the saturation by 10% instead.


 53.0519, 0.3155,
0.3546

 53.0519, 0.3155,
0.3546


398.4842, 0.3142,
0.3419

 37.8442, 0.3158,
0.3578


 94.6807, 0.3151,
0.3500

 25.8618, 0.3161,
0.3618


121.8707, 0.3149,
0.3483

 16.7203, 0.3165,
0.3671

153.8235, 0.3148,
0.3468

 10.0353, 0.3170,
0.3746

190.9235, 0.3146,
0.3455

 5.4223, 0.3177,
0.3856

233.5552, 0.3145,
0.3444

 2.4971, 0.3183,
0.4036

282.1030, 0.3144,

 0.8752, 0.3304,

0.3435

0.4689

336.9512, 0.3143,
0.3426

0.0000, 0.0000,
0.0000

53.0519, 0.3155,
0.3546

53.0519, 0.3155,
0.3546

50.6220, 0.3181,
0.3826

55.7888, 0.3128,
0.3293

48.4817, 0.3202,
0.4132

58.8360, 0.3100,
0.3069

46.6219, 0.3219,
0.4455

62.2053, 0.3072,
0.2870

45.0305, 0.3226,
0.4786

65.8535, 0.3051,
0.2704

43.6946, 0.3224,
0.5107

68.4088, 0.3154,
0.2722

■ 42.6000, 0.3208,
0.5398

■ 41.7311, 0.3181,
0.5638

■ 41.0701, 0.3142,
0.5812

■ 40.5954, 0.3100,
0.5920

Harmonies

Analogous

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



53.0519, 0.3310, 0.3574



53.0519, 0.3155, 0.3546



53.0519, 0.2996, 0.3443

Triad

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



53.0519, 0.3155, 0.3546



53.0519, 0.2843, 0.3053



53.0519, 0.3387, 0.3274

Complementary

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



53.0519, 0.3155, 0.3546



46.6852, 0.3096, 0.3041

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.



53.0519, 0.3256, 0.3143



53.0519, 0.3155, 0.3546



53.0519, 0.2942, 0.3017

Square

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



53.0519, 0.3155, 0.3546



53.0519, 0.2818, 0.3155



53.0519, 0.3093, 0.3050



53.0519, 0.3446, 0.3412

Rectangle

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



53.0519, 0.3155, 0.3546



53.0519, 0.2908, 0.3348



53.0519, 0.3093, 0.3050



53.0519, 0.3349, 0.3228

Sweetspot

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



53.0542, 0.3155, 0.3546



98.4471, 0.3136, 0.3364



52.5970, 0.3284, 0.3472



20.9848, 0.3138, 0.3384



0.0000, 0.0000, 0.0000



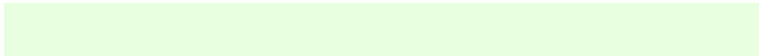
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0542, 0.3155, 0.3546



94.0954, 0.3160, 0.3601



52.6424, 0.3081, 0.3488



12.0146, 0.3153, 0.3526



26.7378, 0.3108, 0.5914



1.3016, 0.3266, 0.5789

Inverse Universe

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



46.6852, 0.3096, 0.3041



80.5761, 0.3089, 0.2988



47.1416, 0.3176, 0.3100



10.6772, 0.3098, 0.3060



6.8005, 0.2586, 0.1198



0.3548, 0.2722, 0.1273

Previews

White Background



This preview shows how the Yxy color 53.0519, 0.3155, 0.3546 looks on a white background.

Color Contrast Check

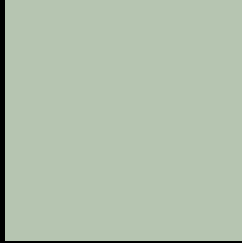
Large Text (above 18pt) WCAG AA × Fail

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 53.0519, 0.3155, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

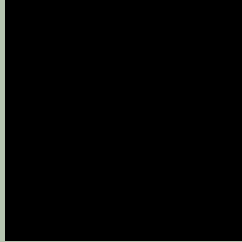
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0519, 0.3155, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 53.0519, 0.3155, 0.3546.



This preview shows how white text looks on a background with the Yxy color 53.0519, 0.3155, 0.3546.

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

53.0519, 0.3155, 0.3546

Protanopia

53.0346, 0.3332, 0.3513

Deuteranopia

52.9714, 0.3440, 0.3374



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.0519, 0.3155, 0.3546

Protanomaly

53.0162, 0.3263, 0.3529

Deuteranomaly

52.8786, 0.3338, 0.3437

Tritanomaly

52.9291, 0.3034, 0.3252

Monochromacy



Original Color

53.0519, 0.3155, 0.3546

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2075, 0.3139, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0519, 0.3155, 0.3546 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(182, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.0519, 0.3155, 0.3546 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(182, 197, 177) }
```

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

```
.border{ border-color:rgb(182, 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(182, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0519, 0.3155, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 177) }
```

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

```
.background{ background-color: rgb(182,  
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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