

Converting Colors

Yxy(55.2661, 0.3182, 0.3464)

Have a look what the booklet for
Yxy(55.2661, 0.3182, 0.3464)
contains.

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Color

Yxy(55.0553, 0.3182, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6B8
RGB	192, 198, 184
RGB Percent	75%, 78%, 72%
CMY	0.2473, 0.2234, 0.2784
CMYK	0.03, 0.00, 0.07, 0.22
HSL	86°, 11%, 75%
HSV	86°, 7%, 78%
XYZ	50.5733, 55.0553, 53.3070
YIQ	194.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

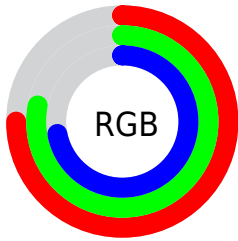
Format	Color
RYB	184, 198, 190
Decimal	12633784
CIELab	79.07, -4.63, 6.29
CIElCh	79, 7.812, 126.381
Yxy	55.0553, 0.3182, 0.3464
Android (android.graphics.Color)	4290823864 (0xFFC0C6B8)
YUV	194.6100, -5.2307, -2.2890
Hunter-Lab	74.1993, -8.1853, 9.3437

Details

The Yxy color **55.0553, 0.3182, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3152, 0.3069, 0.3115**, and the grayscale version is **54.3570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7677, 0.3170, 0.3436**, and **27.0742, 0.3202, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **53.1973, 0.3260, 0.3726**, and if you desaturate by 10%, it is **57.0996, 0.3105, 0.3221**.

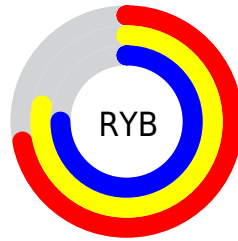
Distribution



Red (75%)

Green (78%)

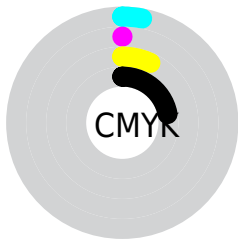
Blue (72%)



Red (72%)

Yellow (78%)

Blue (75%)

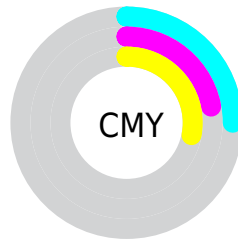


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (25%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0553, 0.3182, 0.3464 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 55.0553, 0.3182, 0.3464 by changing the saturation by 10% instead.


 55.0553, 0.3182,
0.3464

 55.0553, 0.3182,
0.3464


406.1215, 0.3156,
0.3379

 39.4460, 0.3188,
0.3485


 97.6220, 0.3173,
0.3433

 27.1069, 0.3196,
0.3511


125.3481, 0.3169,
0.3422

 17.6535, 0.3206,
0.3546

157.8820, 0.3166,
0.3412

 10.7015, 0.3220,
0.3594

195.6081, 0.3163,
0.3403

 5.8665, 0.3239,
0.3664

238.9107, 0.3161,
0.3396

 2.7641, 0.3268,
0.3775

288.1742, 0.3159,

 1.0098, 0.3359,

0.3390

0.4031

343.7830, 0.3157,
0.3384

0.0000, 0.0000,
0.0000

55.0553, 0.3182,
0.3464

55.0553, 0.3182,
0.3464

53.1973, 0.3260,
0.3726

57.0996, 0.3105,
0.3221

51.5126, 0.3335,
0.4005

59.3286, 0.3030,
0.3000

49.9973, 0.3404,
0.4293

61.7501, 0.2958,
0.2799

48.6446, 0.3463,
0.4582

63.8292, 0.2943,
0.2696

47.4474, 0.3507,
0.4860

65.2533, 0.3005,
0.2707

■ 46.3977, 0.3532,
0.5113

■ 66.7478, 0.3068,
0.2717

■ 45.4866, 0.3535,
0.5328

■ 68.3137, 0.3131,
0.2729

■ 44.7042, 0.3514,
0.5494

■ 68.8777, 0.3153,
0.2732

■ 44.0368, 0.3472,
0.5608

Harmonies

Analogous

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



55.0553, 0.3273, 0.3465



55.0553, 0.3182, 0.3464



55.0553, 0.3078, 0.3414

Triad

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



55.0553, 0.3182, 0.3464



55.0553, 0.2933, 0.3158



55.0553, 0.3268, 0.3250

Complementary

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



55.0553, 0.3182, 0.3464



49.3152, 0.3069, 0.3115

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.



55.0553, 0.3175, 0.3171



55.0553, 0.3182, 0.3464



55.0553, 0.2982, 0.3118

Square

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



55.0553, 0.3182, 0.3464



55.0553, 0.2935, 0.3235



55.0553, 0.3070, 0.3123



55.0553, 0.3323, 0.3340

Rectangle

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



55.0553, 0.3182, 0.3464



55.0553, 0.3015, 0.3360



55.0553, 0.3070, 0.3123



55.0553, 0.3240, 0.3221

Sweetspot

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



55.0577, 0.3182, 0.3464



99.2592, 0.3143, 0.3339



52.2274, 0.3240, 0.3362



21.2533, 0.3142, 0.3336



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.



55.0577, 0.3182, 0.3464



97.1171, 0.3190, 0.3490



54.1934, 0.3128, 0.3467



12.1794, 0.3200, 0.3523



28.5661, 0.3467, 0.5629



1.3948, 0.3616, 0.5511

Inverse Universe

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



49.3152, 0.3069, 0.3115



85.5407, 0.3060, 0.3089



50.2089, 0.3125, 0.3118



10.5084, 0.3049, 0.3056



3.9802, 0.1909, 0.0826



0.2311, 0.2150, 0.0958

Previews

White Background



This preview shows how the Yxy color 55.0553, 0.3182, 0.3464 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 55.0553, 0.3182, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

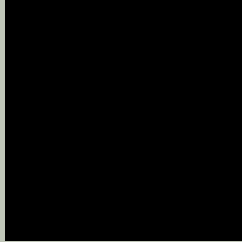
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

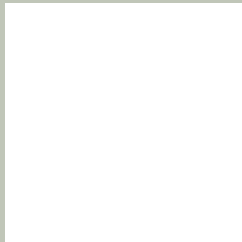
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0553, 0.3182, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 55.0553, 0.3182, 0.3464.



This preview shows how white text looks on a background with the Yxy color 55.0553, 0.3182, 0.3464.

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

55.0553, 0.3182, 0.3464

Protanopia

54.9642, 0.3282, 0.3448

Deuteranopia

54.8458, 0.3394, 0.3326



Tritanopia

54.9725, 0.3026, 0.3099

Trichromacy



Original Color

55.0553, 0.3182, 0.3464

Protanomaly

54.9045, 0.3241, 0.3450

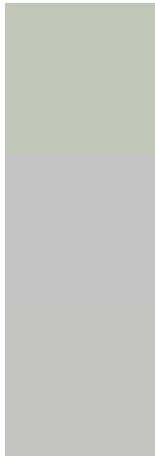
Deuteranomaly

54.7574, 0.3321, 0.3374

Tritanomaly

54.8494, 0.3083, 0.3217

Monochromacy



Original Color

55.0553, 0.3182, 0.3464

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7108, 0.3148, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0553, 0.3182, 0.3464 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(192, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 184)  
}
```

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(192, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 184) }
```

Border

The CSS property to change the border of an element to Yxy 55.0553, 0.3182, 0.3464 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(192, 198, 184) }
```

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

```
.border{ border-color:rgb(192, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0553, 0.3182, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 184) }
```

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

```
.background{ background-color: rgb(192,  
198, 184) }
```

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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