

Converting Colors

$Yxy(55.9959, 0.3189, 0.3518)$

Have a look what the booklet for
Yxy(55.9959, 0.3189, 0.3518)
contains.

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Color

Yxy(55.7623, 0.3187, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8B6
RGB	191, 200, 182
RGB Percent	75%, 78%, 71%
CMY	0.2512, 0.2156, 0.2863
CMYK	0.05, 0.00, 0.09, 0.22
HSL	90°, 14%, 75%
HSV	90°, 9%, 78%
XYZ	50.5733, 55.7623, 52.3505
YIQ	195.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

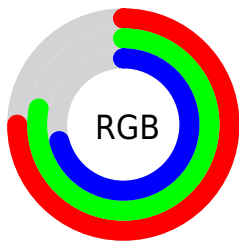
Format	Color
RYB	182, 200, 191
Decimal	12568758
CIELab	79.48, -6.38, 7.94
CIELCh	79, 10.183, 128.797
Yxy	55.7623, 0.3187, 0.3514
Android (android.graphics.Color)	4290758838 (0xFFBFC8B6)
YUV	195.2570, -6.5357, -3.7334
Hunter-Lab	74.6742, -9.7902, 10.7065

Details

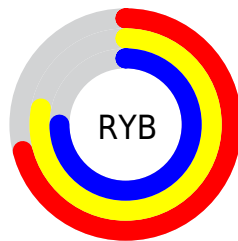
The Yxy color **55.7623, 0.3187, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7104, 0.3063, 0.3066**, and the grayscale version is **54.7705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4672, 0.3176, 0.3456**, and **27.5460, 0.3209, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **53.7356, 0.3253, 0.3783**, and if you desaturate by 10%, it is **58.0017, 0.3121, 0.3267**.

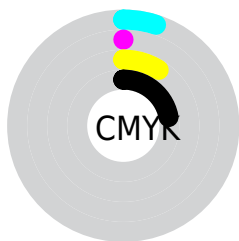
Distribution



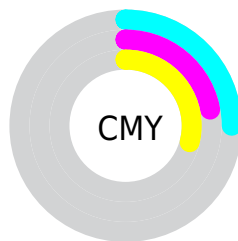
- Red (75%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (25%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7623, 0.3187, 0.3514 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 55.7623, 0.3187, 0.3514 by changing the saturation by 10% instead.


 55.7623, 0.3187,
0.3514

 55.7623, 0.3187,
0.3514


408.7951, 0.3159,
0.3404

 40.0124, 0.3194,
0.3541


 98.6569, 0.3177,
0.3474

 27.5482, 0.3202,
0.3575


126.5705, 0.3173,
0.3460

 17.9854, 0.3213,
0.3620


159.3073, 0.3170,
0.3447

 10.9395, 0.3227,
0.3682

197.2519, 0.3167,
0.3436

 6.0262, 0.3246,
0.3772

240.7885, 0.3165,
0.3426

 2.8610, 0.3275,
0.3915

290.3017, 0.3162,

 1.0596, 0.3381,

0.3418

0.4257

346.1757, 0.3160,
0.3411

0.0000, 0.0000,
0.0000

55.7623, 0.3187,
0.3514

55.7623, 0.3187,
0.3514

53.7356, 0.3253,
0.3783

58.0017, 0.3121,
0.3267

51.9076, 0.3315,
0.4069

60.4529, 0.3056,
0.3042

50.2734, 0.3371,
0.4366

63.1245, 0.2993,
0.2839

48.8255, 0.3416,
0.4664

65.5630, 0.2979,
0.2723

47.5555, 0.3445,
0.4950

67.2888, 0.3052,
0.2735

■ 46.4544, 0.3456,
0.5210

■ 69.1125, 0.3126,
0.2748

■ 45.5121, 0.3445,
0.5428

■ 69.7978, 0.3152,
0.2752

■ 44.7170, 0.3413,
0.5593

■ 44.0511, 0.3363,
0.5706

Harmonies

Analogous

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



55.7623, 0.3308, 0.3520



55.7623, 0.3187, 0.3514



55.7623, 0.3052, 0.3444

Triad

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



55.7623, 0.3187, 0.3514



55.7623, 0.2879, 0.3112



55.7623, 0.3318, 0.3247

Complementary

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



55.7623, 0.3187, 0.3514



48.7104, 0.3063, 0.3066

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.



55.7623, 0.3199, 0.3143



55.7623, 0.3187, 0.3514



55.7623, 0.2947, 0.3065

Square

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



55.7623, 0.3187, 0.3514



55.7623, 0.2876, 0.3208



55.7623, 0.3063, 0.3077



55.7623, 0.3385, 0.3363

Rectangle

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



55.7623, 0.3187, 0.3514



55.7623, 0.2972, 0.3371



55.7623, 0.3063, 0.3077



55.7623, 0.3282, 0.3209

Sweetspot

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



55.7647, 0.3187, 0.3514



98.7941, 0.3147, 0.3364



52.9244, 0.3271, 0.3401



21.0782, 0.3153, 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.



55.7647, 0.3187, 0.3514



95.7433, 0.3201, 0.3570



54.6396, 0.3116, 0.3519



12.1422, 0.3189, 0.3524



28.0174, 0.3368, 0.5708



1.3697, 0.3529, 0.5580

Inverse Universe

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



48.7104, 0.3063, 0.3066



80.8436, 0.3046, 0.3010



49.9074, 0.3137, 0.3071



10.5453, 0.3060, 0.3057



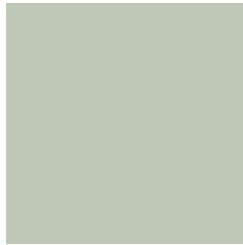
4.4517, 0.2039, 0.0897



0.2538, 0.2268, 0.1023

Previews

White Background



This preview shows how the Yxy color 55.7623, 0.3187, 0.3514 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 55.7623, 0.3187, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

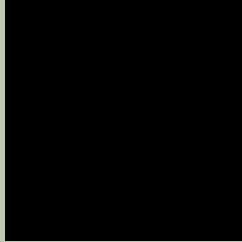
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

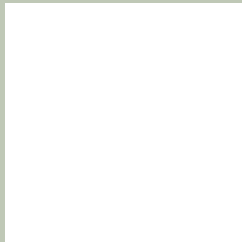
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7623, 0.3187, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 55.7623, 0.3187, 0.3514.



This preview shows how white text looks on a background with the Yxy color 55.7623, 0.3187, 0.3514.

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

55.7623, 0.3187, 0.3514

Protanopia

55.6125, 0.3313, 0.3484

Deuteranopia

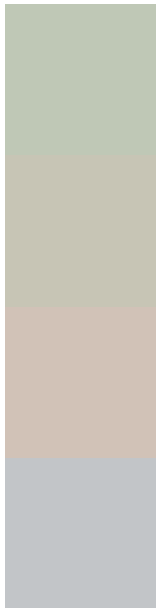
55.5032, 0.3426, 0.3361



Tritanopia

55.7851, 0.3011, 0.3111

Trichromacy



Original Color

55.7623, 0.3187, 0.3514

Protanomaly

55.4108, 0.3263, 0.3486

Deuteranomaly

55.5578, 0.3334, 0.3422

Tritanomaly

55.5720, 0.3082, 0.3253

Monochromacy



Original Color

55.7623, 0.3187, 0.3514

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1195, 0.3155, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7623, 0.3187, 0.3514 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(191, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 182)  
}
```

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(191, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.7623, 0.3187, 0.3514 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(191, 200, 182) }
```

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

```
.border{ border-color:rgb(191, 200, 182) }
```

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

Here you see how a box with a 4 pixel rgb(191, 200, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 200,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7623, 0.3187, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 182) }
```

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

```
.background{ background-color: rgb(191,  
200, 182) }
```

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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