

Converting Colors

Yxy(62.9592, 0.3220, 0.3550)

Have a look what the booklet for
Yxy(62.9592, 0.3220, 0.3550)
contains.

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Color

Yxy(62.9592, 0.3220, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3BD
RGB	203, 211, 189
RGB Percent	80%, 83%, 74%
CMY	0.2039, 0.1725, 0.2588
CMYK	0.04, 0.00, 0.10, 0.17
HSL	82°, 20%, 78%
HSV	82°, 10%, 83%
XYZ	57.1067, 62.9592, 57.2840
YIQ	206.1000, 2.2940, -8.5380

Conversions

Conversions Part 2

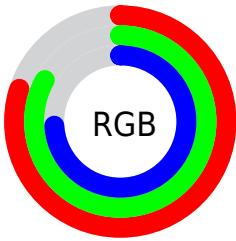
Format	Color
R _{YB}	189, 211, 197
Decimal	13358013
CIE Lab	83.42, -6.63, 9.96
CIE LCh	83, 11.964, 123.647
Yxy	62.9592, 0.3220, 0.3550
Android (android.graphics.Color)	4291548093 (0xFFCBD3BD)
YUV	206.1000, -8.4303, -2.7187
Hunter-Lab	79.3468, -10.3888, 12.7387

Details

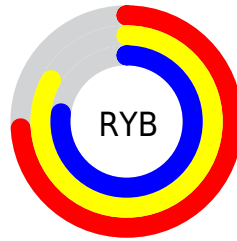
The Yxy color **62.9592, 0.3220, 0.3550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9689, 0.3027, 0.3027**, and the grayscale version is **61.8436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.2811, 0.3240, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **61.0594, 0.3309, 0.3816**, and if you desaturate by 10%, it is **65.0512, 0.3131, 0.3300**.

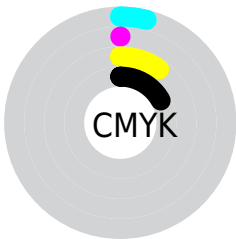
Distribution



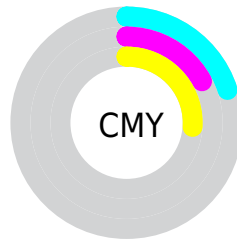
- Red (80%)
- Green (83%)
- Blue (74%)



- Red (74%)
- Yellow (83%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





- Cyan (20%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9592, 0.3220, 0.3550 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 62.9592, 0.3220, 0.3550 by changing the saturation by 10% instead.

 62.9592, 0.3220,
0.3550

 62.9592, 0.3220,
0.3550

435.4214, 0.3177,
0.3425

 45.8082, 0.3230,
0.3580


 109.1106, 0.3205,
0.3506

 32.0945, 0.3242,
0.3617


138.8799, 0.3199,
0.3489

 21.4337, 0.3258,
0.3666

173.6240, 0.3194,
0.3474

 13.4414, 0.3279,
0.3732

213.7274, 0.3190,
0.3462

 7.7332, 0.3307,
0.3825

259.5744, 0.3186,
0.3451

 3.9247, 0.3347,
0.3968

311.5495, 0.3182,

 1.6315, 0.3408,

0.3441

0.4213

370.0370, 0.3179,
0.3433

0.3787, 0.3435,
0.6565

0.0000, 0.0000,
0.0000

62.9592, 0.3220,
0.3550

62.9592, 0.3220,
0.3550

61.0594, 0.3309,
0.3816

65.0512, 0.3131,
0.3300

59.3372, 0.3395,
0.4095

67.3333, 0.3044,
0.3070

57.7883, 0.3473,
0.4377

69.8142, 0.2961,
0.2860

56.4052, 0.3540,
0.4654

71.2569, 0.2997,
0.2841

■ 55.1799, 0.3589,
0.4914

■ 72.5831, 0.3051,
0.2848

■ 54.1034, 0.3618,
0.5142

■ 73.9665, 0.3105,
0.2855

■ 53.1655, 0.3622,
0.5328

■ 75.0721, 0.3147,
0.2861

■ 52.3543, 0.3601,
0.5464

■ 51.6769, 0.3563,
0.5553

Harmonies

Analogous

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



62.9592, 0.3350, 0.3543



62.9592, 0.3220, 0.3550



62.9592, 0.3068, 0.3482

Triad

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



62.9592, 0.3220, 0.3550



62.9592, 0.2842, 0.3104



62.9592, 0.3322, 0.3219

Complementary

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



62.9592, 0.3220, 0.3550



52.9689, 0.3027, 0.3027

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.



62.9592, 0.3182, 0.3109



62.9592, 0.3220, 0.3550



62.9592, 0.2906, 0.3041

Square

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



62.9592, 0.3220, 0.3550



62.9592, 0.2852, 0.3220



62.9592, 0.3030, 0.3044



62.9592, 0.3411, 0.3349

Rectangle

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



62.9592, 0.3220, 0.3550



62.9592, 0.2974, 0.3404



62.9592, 0.3030, 0.3044



62.9592, 0.3280, 0.3179

Sweetspot

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



62.9619, 0.3220, 0.3550



98.9927, 0.3154, 0.3364



57.3206, 0.3300, 0.3381



21.1319, 0.3161, 0.3383



0.0000, 0.0000, 0.0000



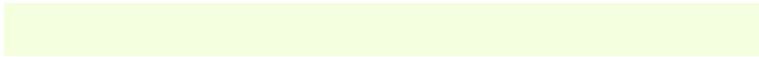
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9619, 0.3220, 0.3550



95.8287, 0.3244, 0.3621



61.5116, 0.3139, 0.3556



13.5735, 0.3211, 0.3524



31.2443, 0.3572, 0.5546



1.7910, 0.3687, 0.5454

Inverse Universe

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



52.9689, 0.3027, 0.3027



76.8612, 0.2999, 0.2954



54.4647, 0.3113, 0.3033



11.6242, 0.3038, 0.3054



3.8388, 0.1795, 0.0763



0.2590, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 62.9592, 0.3220, 0.3550 looks on a white background.

Color Contrast Check

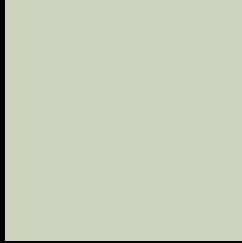
Large Text (above 18pt) WCAG AA × Fail

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 62.9592, 0.3220, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

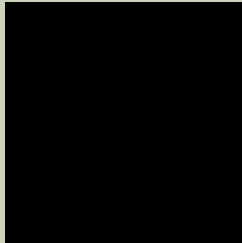
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

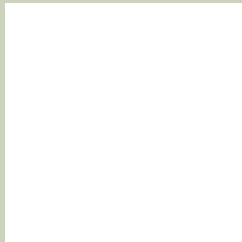
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9592, 0.3220, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 62.9592, 0.3220, 0.3550.



This preview shows how white text looks on a background with the Yxy color 62.9592, 0.3220, 0.3550.

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

62.9592, 0.3220, 0.3550

Protanopia

62.8124, 0.3341, 0.3521

Deuteranopia

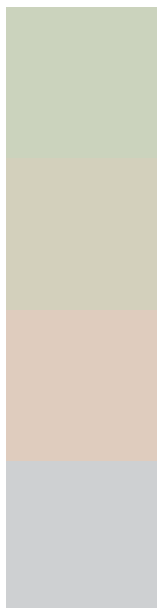
62.5626, 0.3467, 0.3390



Tritanopia

62.8264, 0.3032, 0.3109

Trichromacy



Original Color

62.9592, 0.3220, 0.3550

Protanomaly

62.5915, 0.3293, 0.3523

Deuteranomaly

62.5914, 0.3379, 0.3449

Tritanomaly

62.8867, 0.3098, 0.3267

Monochromacy



Original Color

62.9592, 0.3220, 0.3550

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2610, 0.3161, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9592, 0.3220, 0.3550 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(203, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 189)  
}
```

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(203, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.9592, 0.3220, 0.3550 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(203, 211, 189) }
```

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

```
.border{ border-color:rgb(203, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 189);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9592, 0.3220, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 189) }
```

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

```
.background{ background-color: rgb(203,  
211, 189) }
```

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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