

Converting Colors

$Yxy(62.9179, 0.3134, 0.3467)$

Have a look what the booklet for
Yxy(62.9179, 0.3134, 0.3467)
contains.

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Color

Yxy(62.7619, 0.3134, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	C7D3C5
RGB	199, 211, 197
RGB Percent	78%, 83%, 77%
CMY	0.2198, 0.1725, 0.2275
CMYK	0.06, 0.00, 0.07, 0.17
HSL	112°, 14%, 80%
HSV	112°, 7%, 83%
XYZ	56.9143, 62.7619, 61.9265
YIQ	205.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

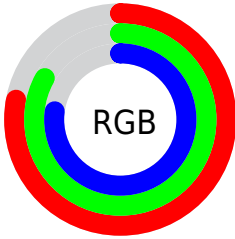
Format	Color
RYB	197, 211, 209
Decimal	13095877
CIELab	83.32, -6.65, 5.53
CIElCh	83, 8.653, 140.269
Yxy	62.7619, 0.3134, 0.3456
Android (android.graphics.Color)	4291285957 (0xFFC7D3C5)
YUV	205.8160, -4.3463, -5.9776
Hunter-Lab	79.2224, -10.4028, 9.1099

Details

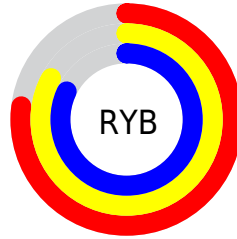
The Yxy color **62.7619, 0.3134, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1913, 0.3119, 0.3128**, and the grayscale version is **61.6236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.1169, 0.3136, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **59.5295, 0.3143, 0.3732**, and if you desaturate by 10%, it is **66.4308, 0.3124, 0.3212**.

Distribution



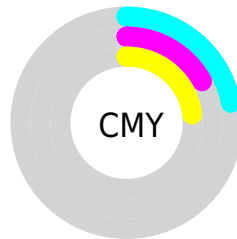
- Red (78%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7619, 0.3134, 0.3456 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 62.7619, 0.3134, 0.3456 by changing the saturation by 10% instead.

■ 62.7619, 0.3134,
0.3456

■ 62.7619, 0.3134,
0.3456

434.7049, 0.3131,
0.3376

■ 45.6486, 0.3135,
0.3475

108.8259, 0.3133,
0.3428

■ 31.9686, 0.3135,
0.3499

138.5455, 0.3133,
0.3417

■ 21.3375, 0.3136,
0.3530

173.2359, 0.3132,
0.3408

■ 13.3710, 0.3137,
0.3572

213.2816, 0.3132,
0.3400

■ 7.6845, 0.3137,
0.3631

259.0669, 0.3132,
0.3393

■ 3.8937, 0.3138,
0.3723

310.9763, 0.3132,

■ 1.6143, 0.3136,

0.3387

369.3942, 0.3131,
0.3381

0.3880

0.3672, 0.3291,
0.6478

0.0000, 0.0000,
0.0000

62.7619, 0.3134,
0.3456

62.7619, 0.3134,
0.3456

59.5295, 0.3143,
0.3732

66.4308, 0.3124,
0.3212

56.7097, 0.3149,
0.4037

70.5434, 0.3112,
0.2997

54.2881, 0.3151,
0.4367

74.7712, 0.3136,
0.2860

52.2468, 0.3148,
0.4711

75.0785, 0.3147,
0.2861

■ 50.5660, 0.3139,
0.5052

■ 49.2247, 0.3123,
0.5367

■ 48.1992, 0.3100,
0.5633

■ 47.4628, 0.3073,
0.5828

■ 46.9835, 0.3043,
0.5944

Harmonies

Analogous

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



62.7619, 0.3241, 0.3482



62.7619, 0.3134, 0.3456



62.7619, 0.3027, 0.3383

Triad

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



62.7619, 0.3134, 0.3456



62.7619, 0.2939, 0.3124



62.7619, 0.3310, 0.3291

Complementary

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



62.7619, 0.3134, 0.3456



58.1913, 0.3119, 0.3128

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.



62.7619, 0.3227, 0.3200



62.7619, 0.3134, 0.3456



62.7619, 0.3013, 0.3104

Square

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



62.7619, 0.3134, 0.3456



62.7619, 0.2916, 0.3190



62.7619, 0.3117, 0.3132



62.7619, 0.3343, 0.3385

Rectangle

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



62.7619, 0.3134, 0.3456



62.7619, 0.2970, 0.3319



62.7619, 0.3117, 0.3132



62.7619, 0.3287, 0.3259

Sweetspot

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



62.7646, 0.3134, 0.3456



98.8538, 0.3129, 0.3339



63.4412, 0.3227, 0.3428



21.1708, 0.3129, 0.3337



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.



62.7646, 0.3134, 0.3456



95.5795, 0.3135, 0.3494



62.7258, 0.3086, 0.3398



13.2847, 0.3137, 0.3529



28.3058, 0.3041, 0.5967



1.6090, 0.3139, 0.5889

Inverse Universe

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



58.1913, 0.3119, 0.3128



87.1288, 0.3117, 0.3092



58.2379, 0.3171, 0.3185



11.9214, 0.3116, 0.3059



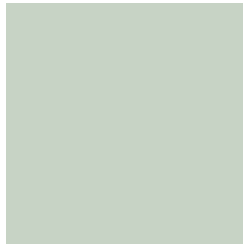
8.8287, 0.2859, 0.1349



0.5173, 0.2927, 0.1386

Previews

White Background



This preview shows how the Yxy color 62.7619, 0.3134, 0.3456 looks on a white background.

Color Contrast Check

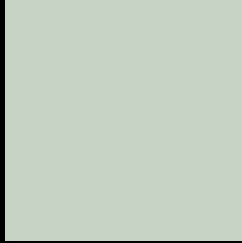
Large Text (above 18pt) WCAG AA × Fail

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 62.7619, 0.3134, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

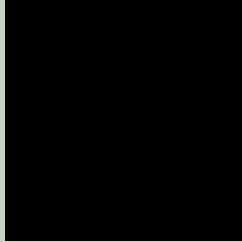
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

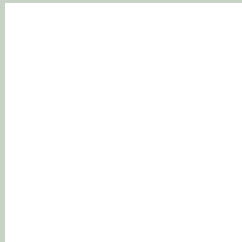
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7619, 0.3134, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 62.7619, 0.3134, 0.3456.



This preview shows how white text looks on a background with the Yxy color 62.7619, 0.3134, 0.3456.

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

62.7619, 0.3134, 0.3456

Protanopia

62.8619, 0.3266, 0.3428

Deuteranopia

62.2551, 0.3373, 0.3302



Tritanopia

62.6499, 0.2989, 0.3107

Trichromacy



Original Color

62.7619, 0.3134, 0.3456

Protanomaly

62.6526, 0.3219, 0.3430

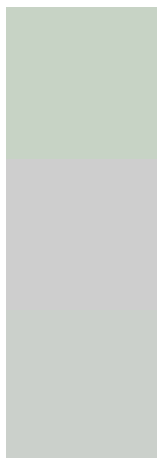
Deuteranomaly

62.3230, 0.3287, 0.3359

Tritanomaly

62.5233, 0.3042, 0.3220

Monochromacy



Original Color

62.7619, 0.3134, 0.3456

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1201, 0.3124, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7619, 0.3134, 0.3456 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(199, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 197)  
}
```

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(199, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.7619, 0.3134, 0.3456 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(199, 211, 197) }
```

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

```
.border{ border-color:rgb(199, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7619, 0.3134, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 197) }
```

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

```
.background{ background-color: rgb(199,  
211, 197) }
```

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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