

Converting Colors

Yxy(62.7815, 0.3147, 0.3540)

Have a look what the booklet for
Yxy(62.7815, 0.3147, 0.3540)
contains.

Yxy(62.6285, 0.3146, 0.3529)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.6285, 0.3146, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	C4D4C0
RGB	196, 212, 192
RGB Percent	77%, 83%, 75%
CMY	0.2312, 0.1687, 0.2471
CMYK	0.08, 0.00, 0.09, 0.17
HSL	108°, 19%, 79%
HSV	108°, 9%, 83%
XYZ	55.8315, 62.6285, 59.0082
YIQ	204.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

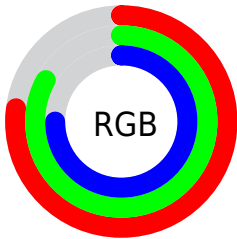
Format	Color
RYB	192, 212, 208
Decimal	12899520
CIELab	83.25, -9.04, 8.05
CIElCh	83, 12.109, 138.302
Yxy	62.6285, 0.3146, 0.3529
Android (android.graphics.Color)	4291089600 (0xFFC4D4C0)
YUV	204.9360, -6.3774, -7.8369
Hunter-Lab	79.1382, -12.5612, 11.1880

Details

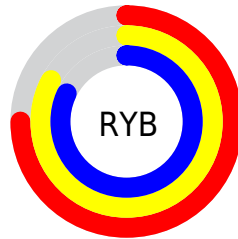
The Yxy color **62.6285, 0.3146, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8478, 0.3106, 0.3058**, and the grayscale version is **61.0561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1800, 0.3155, 0.3357**, and **31.7288, 0.3143, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **59.6179, 0.3164, 0.3811**, and if you desaturate by 10%, it is **66.0350, 0.3126, 0.3277**.

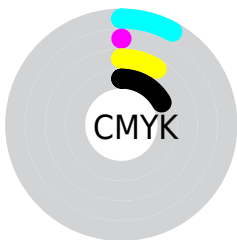
Distribution



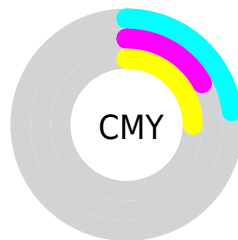
- Red (77%)
- Green (83%)
- Blue (75%)



- Red (75%)
- Yellow (83%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)





- Cyan (23%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6285, 0.3146, 0.3529 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 62.6285, 0.3146, 0.3529 by changing the saturation by 10% instead.


 62.6285, 0.3146,
0.3529

 62.6285, 0.3146,
0.3529


434.2200, 0.3138,
0.3414

 45.5407, 0.3148,
0.3557


 108.6334, 0.3143,
0.3488

 31.8836, 0.3150,
0.3591


138.3193, 0.3142,
0.3472

 21.2726, 0.3152,
0.3637

172.9733, 0.3141,
0.3459

 13.3234, 0.3155,
0.3698

212.9800, 0.3140,
0.3447

 7.6516, 0.3158,
0.3786

258.7235, 0.3140,
0.3437

 3.8728, 0.3160,
0.3921

310.5885, 0.3139,

 1.6027, 0.3160,

0.3429

368.9592, 0.3138,
0.3421

0.4156

0.3594, 0.2517,
0.7483

0.0000, 0.0000,
0.0000

62.6285, 0.3146,
0.3529

62.6285, 0.3146,
0.3529

59.6179, 0.3164,
0.3811

66.0350, 0.3126,
0.3277

56.9809, 0.3179,
0.4120

69.8428, 0.3105,
0.3053

54.7052, 0.3188,
0.4449

74.0294, 0.3088,
0.2863

52.7747, 0.3191,
0.4787

75.5632, 0.3147,
0.2871

■ 51.1721, 0.3184,
0.5116

■ 49.8784, 0.3167,
0.5415

■ 48.8728, 0.3141,
0.5661

■ 48.1314, 0.3106,
0.5837

■ 47.6213, 0.3068,
0.5942

Harmonies

Analogous

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



62.6285, 0.3294, 0.3560



62.6285, 0.3146, 0.3529



62.6285, 0.2996, 0.3429

Triad

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



62.6285, 0.3146, 0.3529



62.6285, 0.2861, 0.3062



62.6285, 0.3378, 0.3282

Complementary

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



62.6285, 0.3146, 0.3529



55.8478, 0.3106, 0.3058

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.



62.6285, 0.3257, 0.3156



62.6285, 0.3146, 0.3529



62.6285, 0.2958, 0.3031

Square

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



62.6285, 0.3146, 0.3529



62.6285, 0.2833, 0.3156



62.6285, 0.3102, 0.3066



62.6285, 0.3430, 0.3413

Rectangle

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



62.6285, 0.3146, 0.3529



62.6285, 0.2914, 0.3338



62.6285, 0.3102, 0.3066



62.6285, 0.3343, 0.3238

Sweetspot

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



62.6312, 0.3146, 0.3529



98.3790, 0.3133, 0.3364



62.7467, 0.3272, 0.3472



20.9664, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



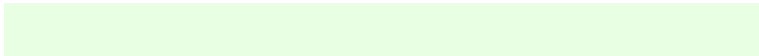
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6312, 0.3146, 0.3529



94.3273, 0.3149, 0.3574



62.3498, 0.3078, 0.3462



14.0162, 0.3146, 0.3529



29.4211, 0.3073, 0.5942



1.8101, 0.3189, 0.5850

Inverse Universe

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



55.8478, 0.3106, 0.3058



82.3266, 0.3101, 0.3015



56.1628, 0.3181, 0.3124



12.4995, 0.3106, 0.3058



8.1822, 0.2703, 0.1263



0.5265, 0.2795, 0.1313

Previews

White Background



This preview shows how the Yxy color 62.6285, 0.3146, 0.3529 looks on a white background.

Color Contrast Check

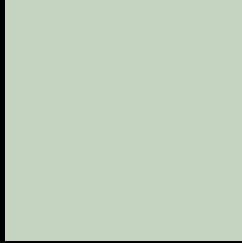
Large Text (above 18pt) WCAG AA × Fail

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 62.6285, 0.3146, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

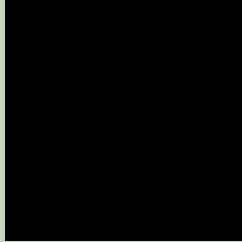
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

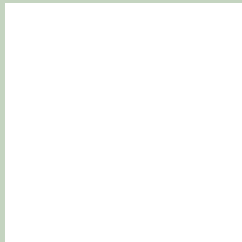
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6285, 0.3146, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 62.6285, 0.3146, 0.3529.



This preview shows how white text looks on a background with the Yxy color 62.6285, 0.3146, 0.3529.

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

62.6285, 0.3146, 0.3529

Protanopia

62.2638, 0.3320, 0.3487

Deuteranopia

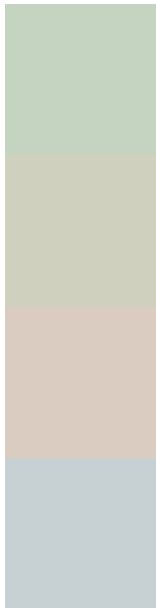
62.3594, 0.3428, 0.3357



Tritanopia

62.4250, 0.2968, 0.3095

Trichromacy



Original Color

62.6285, 0.3146, 0.3529

Protanomaly

62.2394, 0.3255, 0.3501

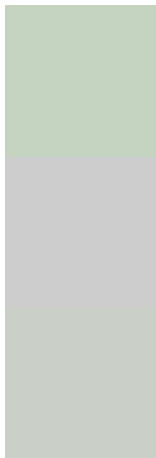
Deuteranomaly

62.0961, 0.3324, 0.3416

Tritanomaly

62.4965, 0.3033, 0.3255

Monochromacy



Original Color

62.6285, 0.3146, 0.3529

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8384, 0.3138, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6285, 0.3146, 0.3529 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(196, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 192)  
}
```

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(196, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 192) }
```

Border

The CSS property to change the border of an element to Yxy 62.6285, 0.3146, 0.3529 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(196, 212, 192) }
```

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

```
.border{ border-color:rgb(196, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6285, 0.3146, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 192) }
```

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

```
.background{ background-color: rgb(196,  
212, 192) }
```

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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