

Converting Colors

Yxy(62.5406, 0.3198, 0.3460)

Have a look what the booklet for
Yxy(62.5406, 0.3198, 0.3460)
contains.

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Color

Yxy(62.5202, 0.3195, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	CDD1C3
RGB	205, 209, 195
RGB Percent	80%, 82%, 76%
CMY	0.1960, 0.1804, 0.2352
CMYK	0.02, 0.00, 0.07, 0.18
HSL	77°, 13%, 79%
HSV	77°, 7%, 82%
XYZ	57.8321, 62.5202, 60.6558
YIQ	206.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

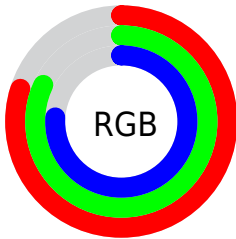
Format	Color
RYB	195, 209, 199
Decimal	13488579
CIELab	83.19, -3.85, 6.45
CIELCh	83, 7.514, 120.833
Yxy	62.5202, 0.3195, 0.3454
Android (android.graphics.Color)	4291678659 (0xFFCDD1C3)
YUV	206.2080, -5.5255, -1.0594
Hunter-Lab	79.0697, -7.8160, 9.8664

Details

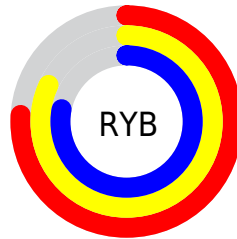
The Yxy color $62.5202, 0.3195, 0.3454$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.7805, 0.3056, 0.3124$, and the grayscale version is $61.9001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.8083, 0.3144, 0.3319$, and $31.9451, 0.3217, 0.3508$ is the 20% darker color. If you saturate the color by 10%, you get $60.8125, 0.3298, 0.3712$, and if you desaturate by 10%, it is $64.3978, 0.3094, 0.3212$.

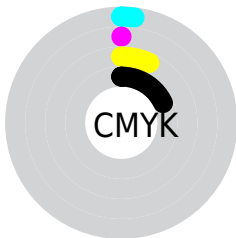
Distribution



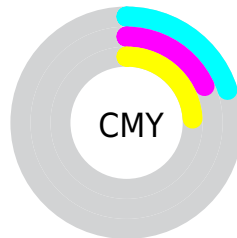
- Red (80%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5202, 0.3195, 0.3454 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 62.5202, 0.3195, 0.3454 by changing the saturation by 10% instead.

■ 62.5202, 0.3195,
0.3454

■ 62.5202, 0.3195,
0.3454

433.8261, 0.3163,
0.3375

■ 45.4532, 0.3202,
0.3473

108.4770, 0.3184,
0.3426

■ 31.8145, 0.3212,
0.3496

138.1356, 0.3179,
0.3416

■ 21.2199, 0.3224,
0.3527

172.7601, 0.3176,
0.3406

■ 13.2848, 0.3239,
0.3567

212.7350, 0.3173,
0.3399

■ 7.6250, 0.3261,
0.3625

258.4447, 0.3170,
0.3392

■ 3.8559, 0.3294,
0.3714

310.2735, 0.3167,

■ 1.5933, 0.3347,

0.3386

0.3865

368.6058, 0.3165,
0.3380

0.3531, 0.4062,
0.5938

0.0000, 0.0000,
0.0000

62.5202, 0.3195,
0.3454

62.5202, 0.3195,
0.3454

60.8125, 0.3298,
0.3712

64.3978, 0.3094,
0.3212

59.2607, 0.3399,
0.3981

66.4428, 0.2997,
0.2988

57.8615, 0.3495,
0.4255

68.4870, 0.2922,
0.2809

56.6080, 0.3580,
0.4524

69.4479, 0.2963,
0.2815

■ 55.4931, 0.3651,
0.4777

■ 70.4423, 0.3005,
0.2821

■ 54.5088, 0.3701,
0.5003

■ 71.4705, 0.3046,
0.2827

■ 53.6461, 0.3727,
0.5190

■ 72.5329, 0.3089,
0.2833

■ 52.8946, 0.3728,
0.5330

■ 73.6299, 0.3131,
0.2839

■ 52.2408, 0.3705,
0.5423

■ 74.0805, 0.3148,
0.2841

Harmonies

Analogous

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



62.5202, 0.3274, 0.3447



62.5202, 0.3195, 0.3454



62.5202, 0.3099, 0.3416

Triad

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



62.5202, 0.3195, 0.3454



62.5202, 0.2945, 0.3179



62.5202, 0.3243, 0.3238

Complementary

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



62.5202, 0.3195, 0.3454



55.7805, 0.3056, 0.3124

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.



62.5202, 0.3153, 0.3169



62.5202, 0.3195, 0.3454



62.5202, 0.2982, 0.3135

Square

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



62.5202, 0.3195, 0.3454



62.5202, 0.2956, 0.3255



62.5202, 0.3058, 0.3132



62.5202, 0.3302, 0.3321

Rectangle

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



62.5202, 0.3195, 0.3454



62.5202, 0.3039, 0.3369



62.5202, 0.3058, 0.3132



62.5202, 0.3215, 0.3213

Sweetspot

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



62.5229, 0.3195, 0.3454



99.4016, 0.3148, 0.3339



58.3314, 0.3236, 0.3337



21.2823, 0.3147, 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.



62.5229, 0.3195, 0.3454



97.6704, 0.3209, 0.3489



61.5528, 0.3142, 0.3457



13.6215, 0.3223, 0.3523



32.1376, 0.3702, 0.5443



1.8360, 0.3795, 0.5368

Inverse Universe

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



55.7805, 0.3056, 0.3124



85.0044, 0.3041, 0.3087



56.7566, 0.3111, 0.3127



11.5783, 0.3026, 0.3053



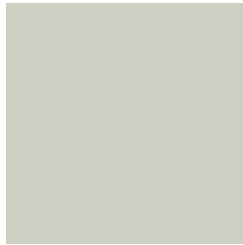
3.4644, 0.1689, 0.0704



0.2341, 0.1890, 0.0815

Previews

White Background



This preview shows how the Yxy color 62.5202, 0.3195, 0.3454 looks on a white background.

Color Contrast Check

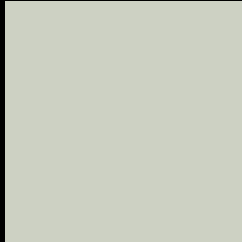
Large Text (above 18pt) WCAG AA × Fail

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 62.5202, 0.3195, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

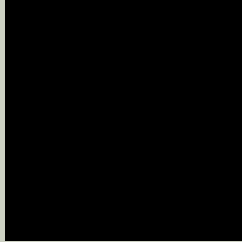
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

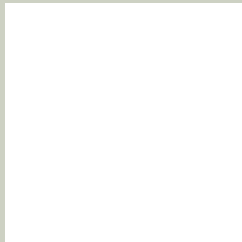
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5202, 0.3195, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 62.5202, 0.3195, 0.3454.



This preview shows how white text looks on a background with the Yxy color 62.5202, 0.3195, 0.3454.

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

62.5202, 0.3195, 0.3454

Protanopia

62.3338, 0.3275, 0.3429

Deuteranopia

62.3287, 0.3396, 0.3324



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.5202, 0.3195, 0.3454

Protanomaly

62.3696, 0.3250, 0.3441

Deuteranomaly

62.2270, 0.3327, 0.3370

Tritanomaly

62.3060, 0.3100, 0.3221

Monochromacy



Original Color

62.5202, 0.3195, 0.3454

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0117, 0.3155, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5202, 0.3195, 0.3454 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(205, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 195)  
}
```

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(205, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.5202, 0.3195, 0.3454 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(205, 209, 195) }
```

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

```
.border{ border-color:rgb(205, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5202, 0.3195, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 195) }
```

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

```
.background{ background-color: rgb(205,  
209, 195) }
```

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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