

Converting Colors

Yxy(62.4491, 0.3193, 0.3479)

Have a look what the booklet for
Yxy(62.4491, 0.3193, 0.3479)
contains.

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Color

Yxy(62.1477, 0.3194, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	CBD1C1
RGB	203, 209, 193
RGB Percent	80%, 82%, 76%
CMY	0.2039, 0.1804, 0.2432
CMYK	0.03, 0.00, 0.08, 0.18
HSL	82°, 15%, 79%
HSV	82°, 8%, 82%
XYZ	57.0566, 62.1477, 59.4324
YIQ	205.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

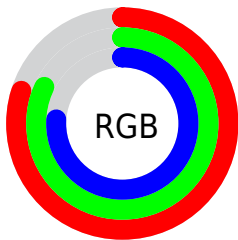
Format	Color
RYB	193, 209, 199
Decimal	13357505
CIELab	82.99, -4.90, 7.23
CIELCh	83, 8.732, 124.158
Yxy	62.1477, 0.3194, 0.3479
Android (android.graphics.Color)	4291547585 (0xFFCBD1C1)
YUV	205.3820, -6.1043, -2.0890
Hunter-Lab	78.8338, -8.7685, 10.4852

Details

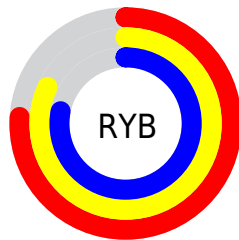
The Yxy color $62.1477, 0.3194, 0.3479$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.8764, 0.3057, 0.3099$, and the grayscale version is $61.3475, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.6196, 0.3162, 0.3347$, and $31.7257, 0.3206, 0.3526$ is the 20% darker color. If you saturate the color by 10%, you get $60.2132, 0.3282, 0.3741$, and if you desaturate by 10%, it is $64.2747, 0.3107, 0.3235$.

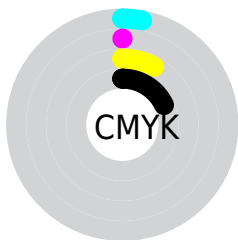
Distribution



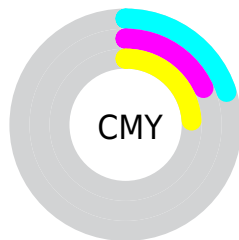
- Red (80%)
- Green (82%)
- Blue (76%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1477, 0.3194, 0.3479 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 62.1477, 0.3194, 0.3479 by changing the saturation by 10% instead.

■ 62.1477, 0.3194,
0.3479

■ 62.1477, 0.3194,
0.3479

432.4696, 0.3163,
0.3388

■ 45.1521, 0.3201,
0.3501

■ 107.9390, 0.3183,
0.3447

■ 31.5772, 0.3210,
0.3528

137.5034, 0.3179,
0.3434

■ 21.0388, 0.3222,
0.3563

172.0262, 0.3175,
0.3424

■ 13.1523, 0.3237,
0.3611

211.8917, 0.3172,
0.3415

■ 7.5335, 0.3258,
0.3679

257.4845, 0.3169,
0.3407

■ 3.7980, 0.3290,
0.3782

309.1888, 0.3167,

■ 1.5612, 0.3339,

0.3400

367.3890, 0.3165,
0.3394

0.3961

0.3312, 0.3707,
0.6293

0.0000, 0.0000,
0.0000

62.1477, 0.3194,
0.3479

62.1477, 0.3194,
0.3479

60.2132, 0.3282,
0.3741

64.2747, 0.3107,
0.3235

58.4568, 0.3367,
0.4017

66.5920, 0.3023,
0.3010

56.8744, 0.3446,
0.4301

69.0637, 0.2947,
0.2813

55.4590, 0.3515,
0.4582

70.3589, 0.3001,
0.2820

■ 54.2026, 0.3568,
0.4849

■ 71.7123, 0.3056,
0.2828

■ 53.0967, 0.3601,
0.5089

■ 73.1249, 0.3112,
0.2836

■ 52.1318, 0.3610,
0.5290

■ 74.0819, 0.3148,
0.2841

■ 51.2965, 0.3595,
0.5442

■ 50.5757, 0.3558,
0.5544

Harmonies

Analogous

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



62.1477, 0.3289, 0.3476



62.1477, 0.3194, 0.3479



62.1477, 0.3082, 0.3429

Triad

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



62.1477, 0.3194, 0.3479



62.1477, 0.2917, 0.3153



62.1477, 0.3272, 0.3240

Complementary

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



62.1477, 0.3194, 0.3479



54.8764, 0.3057, 0.3099

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.



62.1477, 0.3170, 0.3157



62.1477, 0.3194, 0.3479



62.1477, 0.2966, 0.3107

Square

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



62.1477, 0.3194, 0.3479



62.1477, 0.2924, 0.3238



62.1477, 0.3058, 0.3109



62.1477, 0.3335, 0.3336

Rectangle

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



62.1477, 0.3194, 0.3479



62.1477, 0.3013, 0.3372



62.1477, 0.3058, 0.3109



62.1477, 0.3241, 0.3210

Sweetspot

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



62.1504, 0.3194, 0.3479



99.3161, 0.3145, 0.3339



58.1875, 0.3251, 0.3359



21.2649, 0.3144, 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.



62.1504, 0.3194, 0.3479



97.0183, 0.3207, 0.3516



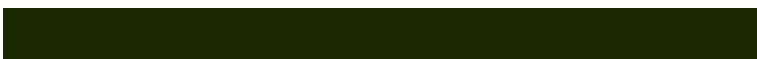
61.0701, 0.3134, 0.3482



13.5677, 0.3209, 0.3524



31.1435, 0.3557, 0.5558



1.7858, 0.3674, 0.5465

Inverse Universe

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



54.8764, 0.3057, 0.3099



83.5967, 0.3042, 0.3062



55.9842, 0.3119, 0.3103



11.6298, 0.3039, 0.3054



3.8919, 0.1810, 0.0771



0.2624, 0.2020, 0.0887

Previews

White Background



This preview shows how the Yxy color 62.1477, 0.3194, 0.3479 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 62.1477, 0.3194, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

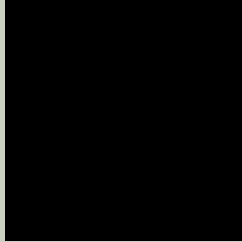
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

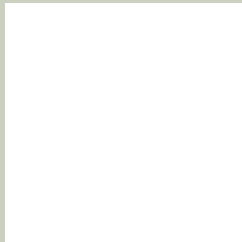
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1477, 0.3194, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 62.1477, 0.3194, 0.3479.



This preview shows how white text looks on a background with the Yxy color 62.1477, 0.3194, 0.3479.

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

62.1477, 0.3194, 0.3479

Protanopia

62.2003, 0.3297, 0.3464

Deuteranopia

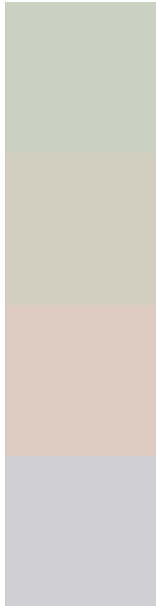
61.7759, 0.3414, 0.3335



Tritanopia

62.1485, 0.3031, 0.3108

Trichromacy



Original Color

62.1477, 0.3194, 0.3479

Protanomaly

62.1331, 0.3257, 0.3465

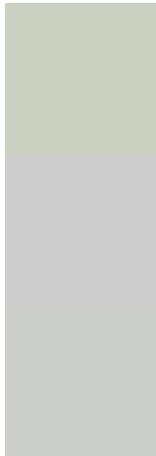
Deuteranomaly

61.9791, 0.3334, 0.3393

Tritanomaly

61.9676, 0.3092, 0.3232

Monochromacy



Original Color

62.1477, 0.3194, 0.3479

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1970, 0.3147, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1477, 0.3194, 0.3479 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, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(203, 209, 193)  
}
```

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, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 193) }
```

Border

The CSS property to change the border of an element to Yxy 62.1477, 0.3194, 0.3479 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, 209, 193) }
```

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

```
.border{ border-color:rgb(203, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 209,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1477, 0.3194, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 209, 193) }
```

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

```
.background{ background-color: rgb(203,  
209, 193) }
```

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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