

Converting Colors

Yxy(61.2214, 0.3097, 0.3443)

Have a look what the booklet for
Yxy(61.2214, 0.3097, 0.3443)
contains.

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Color

Yxy(61.1015, 0.3098, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	C2D1C5
RGB	194, 209, 197
RGB Percent	76%, 82%, 77%
CMY	0.2393, 0.1804, 0.2275
CMYK	0.07, 0.00, 0.06, 0.18
HSL	132°, 14%, 79%
HSV	132°, 7%, 82%
XYZ	55.1230, 61.1015, 61.7065
YIQ	203.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

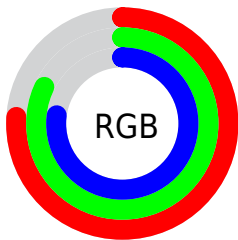
Format	Color
RYB	194, 207, 209
Decimal	12767685
CIELab	82.43, -7.31, 4.20
CIElCh	82, 8.437, 150.111
Yxy	61.1015, 0.3098, 0.3434
Android (android.graphics.Color)	4290957765 (0xFFC2D1C5)
YUV	203.1470, -3.0305, -8.0219
Hunter-Lab	78.1674, -10.9164, 7.9129

Details

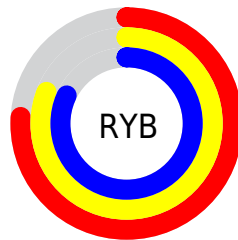
The Yxy color **61.1015, 0.3098, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5907, 0.3158, 0.3150**, and the grayscale version is **59.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1850, 0.3108, 0.3300**, and **31.0013, 0.3089, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **57.8061, 0.3057, 0.3657**, and if you desaturate by 10%, it is **64.8760, 0.3138, 0.3237**.

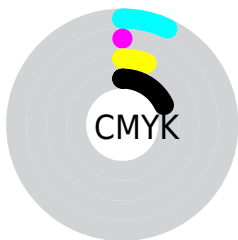
Distribution



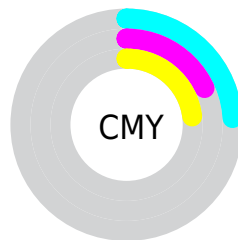
- Red (76%)
- Green (82%)
- Blue (77%)



- Red (76%)
- Yellow (81%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1015, 0.3098, 0.3434 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 61.1015, 0.3098, 0.3434 by changing the saturation by 10% instead.

■ 61.1015, 0.3098,
0.3434

■ 61.1015, 0.3098,
0.3434

428.6461, 0.3112,
0.3365

■ 44.3071, 0.3095,
0.3451

■ 106.4259, 0.3103,
0.3409

■ 30.9120, 0.3090,
0.3472

135.7246, 0.3105,
0.3400

■ 20.5318, 0.3084,
0.3499

169.9603, 0.3107,
0.3392

■ 12.7822, 0.3076,
0.3536

209.5173, 0.3108,
0.3385

■ 7.2788, 0.3065,
0.3589

254.7800, 0.3109,
0.3379

■ 3.6370, 0.3047,
0.3670

306.1327, 0.3110,

■ 1.4727, 0.3014,

0.3374

0.3813

363.9599, 0.3111,
0.3369

0.2694, 0.2234,
0.7766

0.0000, 0.0000,
0.0000

61.1015, 0.3098,
0.3434

61.1015, 0.3098,
0.3434

57.8061, 0.3057,
0.3657

64.8760, 0.3138,
0.3237

54.9632, 0.3017,
0.3907

69.1397, 0.3177,
0.3065

52.5551, 0.2980,
0.4180

73.5903, 0.3202,
0.2914

50.5601, 0.2947,
0.4473

74.0857, 0.3148,
0.2841

■ 48.9547, 0.2923,
0.4774

■ 47.7127, 0.2909,
0.5071

■ 46.8049, 0.2908,
0.5347

■ 46.1973, 0.2919,
0.5584

■ 45.8450, 0.2942,
0.5768

Harmonies

Analogous

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



61.1015, 0.3206, 0.3476



61.1015, 0.3098, 0.3434



61.1015, 0.2999, 0.3351

Triad

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



61.1015, 0.3098, 0.3434



61.1015, 0.2961, 0.3115



61.1015, 0.3324, 0.3323

Complementary

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



61.1015, 0.3098, 0.3434



56.5907, 0.3158, 0.3150

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.



61.1015, 0.3256, 0.3229



61.1015, 0.3098, 0.3434



61.1015, 0.3046, 0.3111

Square

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



61.1015, 0.3098, 0.3434



61.1015, 0.2921, 0.3166



61.1015, 0.3154, 0.3152



61.1015, 0.3338, 0.3409

Rectangle

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



61.1015, 0.3098, 0.3434



61.1015, 0.2951, 0.3285



61.1015, 0.3154, 0.3152



61.1015, 0.3306, 0.3291

Sweetspot

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



61.1041, 0.3098, 0.3434



98.7855, 0.3119, 0.3329



62.6226, 0.3210, 0.3466



21.1569, 0.3119, 0.3327



0.0000, 0.0000, 0.0000



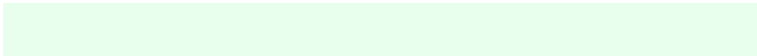
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1041, 0.3098, 0.3434



94.7777, 0.3090, 0.3475



61.4570, 0.3047, 0.3343



13.2444, 0.3089, 0.3481



28.2298, 0.2942, 0.5790



1.5900, 0.2847, 0.5448

Inverse Universe

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



56.5907, 0.3158, 0.3150



85.9291, 0.3166, 0.3112



56.2343, 0.3214, 0.3237



11.9668, 0.3168, 0.3106



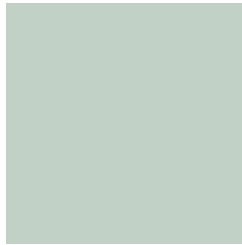
10.0965, 0.3786, 0.1859



0.5751, 0.3661, 0.1790

Previews

White Background



This preview shows how the Yxy color 61.1015, 0.3098, 0.3434 looks on a white background.

Color Contrast Check

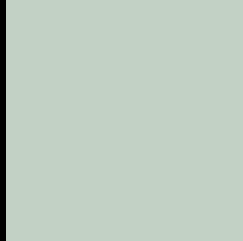
Large Text (above 18pt) WCAG AA × Fail

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 61.1015, 0.3098, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

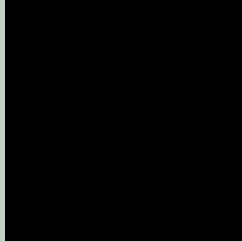
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

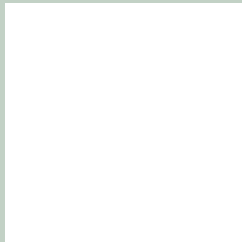
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1015, 0.3098, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 61.1015, 0.3098, 0.3434.

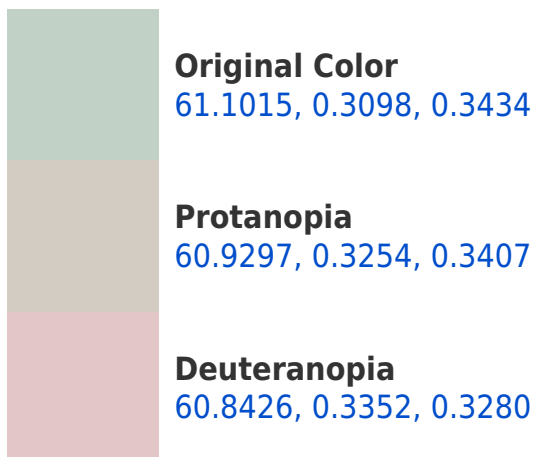


This preview shows how white text looks on a background with the Yxy color 61.1015, 0.3098, 0.3434.

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





Tritanopia

60.9423, 0.2959, 0.3093

Trichromacy



Original Color

61.1015, 0.3098, 0.3434

Protanomaly

61.0619, 0.3198, 0.3420

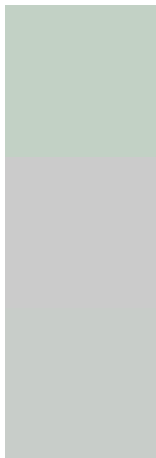
Deuteranomaly

60.7653, 0.3258, 0.3336

Tritanomaly

60.8170, 0.3012, 0.3208

Monochromacy



Original Color

61.1015, 0.3098, 0.3434

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1590, 0.3117, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1015, 0.3098, 0.3434 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(194, 209, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 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(194, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.1015, 0.3098, 0.3434 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(194, 209, 197) }
```

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

```
.border{ border-color:rgb(194, 209, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 209, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 209, 197); box-shadow:4px 4px 4px 4px rgb(194, 209, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1015, 0.3098, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 197) }
```

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

```
.background{ background-color: rgb(194,  
209, 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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