

Converting Colors

$Yxy(67.7833, 0.3092, 0.3377)$

Have a look what the booklet for
Yxy(67.7833, 0.3092, 0.3377)
contains.

Yxy(67.9178, 0.3094, 0.3381)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9178, 0.3094, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	CEADAD2
RGB	206, 218, 210
RGB Percent	81%, 85%, 82%
CMY	0.1923, 0.1450, 0.1764
CMYK	0.06, 0.00, 0.04, 0.15
HSL	140°, 14%, 83%
HSV	140°, 6%, 85%
XYZ	62.1525, 67.9178, 70.8105
YIQ	213.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

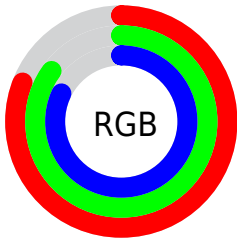
Format	Color
RYB	206, 215, 218
Decimal	13556434
CIELab	85.97, -5.52, 2.52
CIELCh	86, 6.069, 155.417
Yxy	67.9178, 0.3094, 0.3381
Android (android.graphics.Color)	4291746514 (0xFFCEDAD2)
YUV	213.5000, -1.7255, -6.5775
Hunter-Lab	82.4123, -9.6028, 6.7453

Details

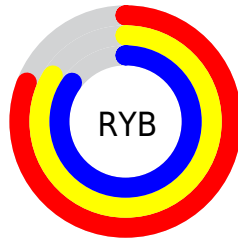
The Yxy color **67.9178, 0.3094, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8906, 0.3162, 0.3201**, and the grayscale version is **66.9051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2701, 0.3085, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **64.3242, 0.3034, 0.3562**, and if you desaturate by 10%, it is **72.0154, 0.3154, 0.3221**.

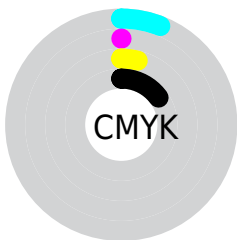
Distribution



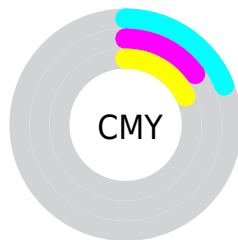
- Red (81%)
- Green (85%)
- Blue (82%)



- Red (81%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9178, 0.3094, 0.3381 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 67.9178, 0.3094, 0.3381 by changing the saturation by 10% instead.

■ 67.9178, 0.3094,
0.3381

■ 67.9178, 0.3094,
0.3381

453.2047, 0.3110,
0.3338

■ 49.8309, 0.3090,
0.3391

116.2345, 0.3100,
0.3366

■ 35.2790, 0.3086,
0.3404

147.2331, 0.3102,
0.3360

■ 23.8779, 0.3080,
0.3420

183.3044, 0.3103,
0.3355

■ 15.2431, 0.3072,
0.3441

224.8328, 0.3105,
0.3351

■ 8.9902, 0.3061,
0.3471

272.2026, 0.3106,
0.3347

■ 4.7348, 0.3044,
0.3515

325.7982, 0.3108,

■ 2.0925, 0.3017,

0.3344

386.0042, 0.3109,
0.3341

0.3588

0.6604, 0.2907,
0.3894

0.0000, 0.0000,
0.0000

67.9178, 0.3094,
0.3381

67.9178, 0.3094,
0.3381

64.3242, 0.3034,
0.3562

72.0154, 0.3154,
0.3221

61.2065, 0.2976,
0.3764

76.6266, 0.3213,
0.3080

58.5468, 0.2923,
0.3987

78.5325, 0.3154,
0.2944

56.3228, 0.2877,
0.4228

78.6293, 0.3144,
0.2930

■ 54.5104, 0.2841,
0.4481

■ 53.0829, 0.2819,
0.4740

■ 52.0105, 0.2813,
0.4994

■ 51.2585, 0.2825,
0.5232

■ 50.7850, 0.2854,
0.5442

Harmonies

Analogous

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



67.9178, 0.3170, 0.3416



67.9178, 0.3094, 0.3381



67.9178, 0.3028, 0.3321

Triad

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



67.9178, 0.3094, 0.3381



67.9178, 0.3020, 0.3165



67.9178, 0.3268, 0.3325

Complementary

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



67.9178, 0.3094, 0.3381



63.8906, 0.3162, 0.3201

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.



67.9178, 0.3227, 0.3259



67.9178, 0.3094, 0.3381



67.9178, 0.3084, 0.3168

Square

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



67.9178, 0.3094, 0.3381



67.9178, 0.2986, 0.3196



67.9178, 0.3159, 0.3202



67.9178, 0.3271, 0.3382

Rectangle

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



67.9178, 0.3094, 0.3381



67.9178, 0.2998, 0.3275



67.9178, 0.3159, 0.3202



67.9178, 0.3258, 0.3303

Sweetspot

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



67.9207, 0.3094, 0.3381



98.8291, 0.3115, 0.3323



68.9002, 0.3179, 0.3425



21.1658, 0.3116, 0.3321



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.



67.9207, 0.3094, 0.3381



96.0294, 0.3085, 0.3408



68.2253, 0.3055, 0.3312



14.8319, 0.3082, 0.3416



30.3475, 0.2861, 0.5500



1.9818, 0.2768, 0.5165

Inverse Universe

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



63.8906, 0.3162, 0.3201



88.7559, 0.3172, 0.3175



63.5897, 0.3205, 0.3268



13.6317, 0.3176, 0.3167



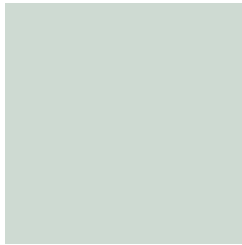
10.1742, 0.4275, 0.2129



0.6749, 0.4058, 0.2009

Previews

White Background



This preview shows how the Yxy color 67.9178, 0.3094, 0.3381 looks on a white background.

Color Contrast Check

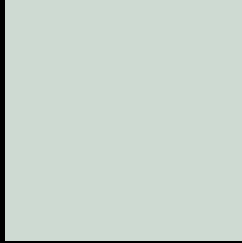
Large Text (above 18pt) WCAG AA × Fail

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 67.9178, 0.3094, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

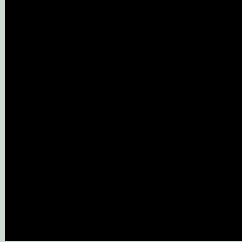
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

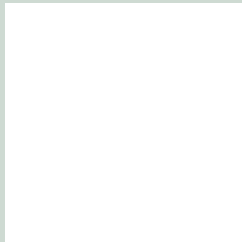
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9178, 0.3094, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 67.9178, 0.3094, 0.3381.



This preview shows how white text looks on a background with the Yxy color 67.9178, 0.3094, 0.3381.

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

67.9178, 0.3094, 0.3381

Protanopia

67.8628, 0.3213, 0.3357

Deuteranopia

67.6981, 0.3312, 0.3248



Tritanopia

67.9824, 0.2973, 0.3102

Trichromacy



Original Color

67.9178, 0.3094, 0.3381

Protanomaly

67.6514, 0.3168, 0.3357

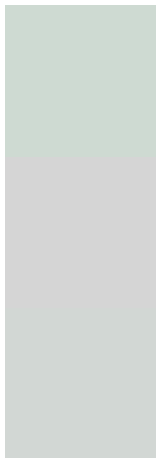
Deuteranomaly

67.7977, 0.3231, 0.3301

Tritanomaly

67.9034, 0.3017, 0.3200

Monochromacy



Original Color

67.9178, 0.3094, 0.3381

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0560, 0.3111, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9178, 0.3094, 0.3381 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(206, 218, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 218, 210)  
}
```

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(206, 218, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 218, 210) }
```

Border

The CSS property to change the border of an element to Yxy 67.9178, 0.3094, 0.3381 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(206, 218, 210) }
```

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

```
.border{ border-color:rgb(206, 218, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 218, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 218, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 218, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 218,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9178, 0.3094, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 218, 210) }
```

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

```
.background{ background-color: rgb(206,  
218, 210) }
```

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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