

Converting Colors

Yxy(66.1300, 0.3168, 0.3560)

Have a look what the booklet for
Yxy(66.1300, 0.3168, 0.3560)
contains.

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Color

Yxy(66.0773, 0.3173, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	CAD9C2
RGB	202, 217, 194
RGB Percent	79%, 85%, 76%
CMY	0.2077, 0.1490, 0.2393
CMYK	0.07, 0.00, 0.11, 0.15
HSL	99°, 23%, 81%
HSV	99°, 11%, 85%
XYZ	58.9107, 66.0773, 60.6745
YIQ	209.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

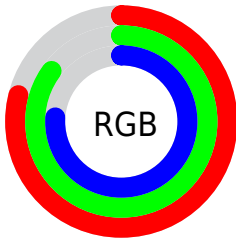
Format	Color
RYB	194, 217, 209
Decimal	13294018
CIELab	85.04, -9.19, 9.62
CIELCh	85, 13.305, 133.702
Yxy	66.0773, 0.3173, 0.3559
Android (android.graphics.Color)	4291484098 (0xFFCAD9C2)
YUV	209.8930, -7.8352, -6.9222
Hunter-Lab	81.2879, -12.8920, 12.6466

Details

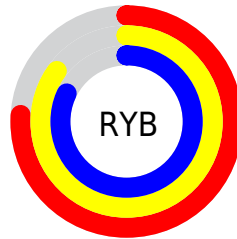
The Yxy color **66.0773, 0.3173, 0.3559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1319, 0.3076, 0.3025**, and the grayscale version is **64.4313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **34.0300, 0.3187, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **63.2954, 0.3214, 0.3839**, and if you desaturate by 10%, it is **69.1873, 0.3130, 0.3305**.

Distribution



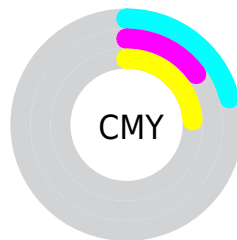
- Red (79%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0773, 0.3173, 0.3559 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 66.0773, 0.3173, 0.3559 by changing the saturation by 10% instead.

■ 66.0773, 0.3173,
0.3559

■ 66.0773, 0.3173,
0.3559

446.6533, 0.3152,
0.3430

■ 48.3352, 0.3178,
0.3590

■ 113.5973, 0.3166,
0.3513

■ 34.0924, 0.3183,
0.3628

144.1439, 0.3163,
0.3496

■ 22.9646, 0.3190,
0.3677

179.7275, 0.3161,
0.3481

■ 14.5674, 0.3198,
0.3744

220.7324, 0.3159,
0.3468

■ 8.5163, 0.3209,
0.3838

267.5430, 0.3157,
0.3457

■ 4.4271, 0.3224,
0.3981

320.5438, 0.3155,

■ 1.9152, 0.3241,

0.3447

0.4222

380.1191, 0.3154,
0.3438

0.5575, 0.3540,
0.6460

0.0000, 0.0000,
0.0000

66.0773, 0.3173,
0.3559

66.0773, 0.3173,
0.3559

63.2954, 0.3214,
0.3839

69.1873, 0.3130,
0.3305

60.8222, 0.3252,
0.4140

72.6273, 0.3087,
0.3076

58.6489, 0.3282,
0.4456

76.1445, 0.3071,
0.2912

56.7631, 0.3302,
0.4775

78.1057, 0.3145,
0.2920

■ 55.1514, 0.3309,
0.5083

■ 53.7994, 0.3299,
0.5360

■ 52.6909, 0.3272,
0.5588

■ 51.8074, 0.3229,
0.5755

■ 51.1568, 0.3181,
0.5857

Harmonies

Analogous

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



66.0773, 0.3329, 0.3579



66.0773, 0.3173, 0.3559



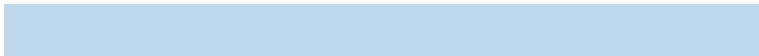
66.0773, 0.3008, 0.3461

Triad

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



66.0773, 0.3173, 0.3559



66.0773, 0.2830, 0.3056



66.0773, 0.3382, 0.3259

Complementary

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



66.0773, 0.3173, 0.3559



57.1319, 0.3076, 0.3025

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.



66.0773, 0.3242, 0.3128



66.0773, 0.3173, 0.3559



66.0773, 0.2925, 0.3011

Square

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



66.0773, 0.3173, 0.3559



66.0773, 0.2813, 0.3165



66.0773, 0.3075, 0.3038



66.0773, 0.3452, 0.3401

Rectangle

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



66.0773, 0.3173, 0.3559



66.0773, 0.2915, 0.3366



66.0773, 0.3075, 0.3038



66.0773, 0.3341, 0.3212

Sweetspot

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



66.0801, 0.3173, 0.3559



98.5856, 0.3140, 0.3364



64.2185, 0.3295, 0.3461



21.0220, 0.3144, 0.3384



0.0000, 0.0000, 0.0000



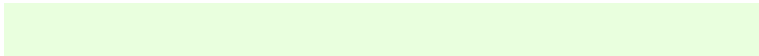
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0801, 0.3173, 0.3559



94.1837, 0.3184, 0.3627



65.1432, 0.3091, 0.3522



14.8265, 0.3168, 0.3528



31.0210, 0.3190, 0.5849



2.0568, 0.3318, 0.5747

Inverse Universe

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



57.1319, 0.3076, 0.3025



78.5106, 0.3063, 0.2960



58.1576, 0.3165, 0.3069



13.0352, 0.3082, 0.3056



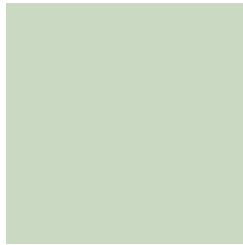
6.5285, 0.2349, 0.1068



0.4703, 0.2491, 0.1146

Previews

White Background



This preview shows how the Yxy color 66.0773, 0.3173, 0.3559 looks on a white background.

Color Contrast Check

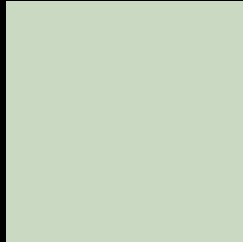
Large Text (above 18pt) WCAG AA × Fail

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 66.0773, 0.3173, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

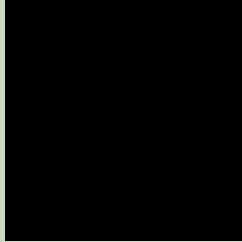
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

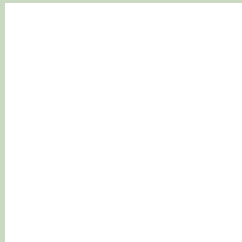
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0773, 0.3173, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 66.0773, 0.3173, 0.3559.



This preview shows how white text looks on a background with the Yxy color 66.0773, 0.3173, 0.3559.

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

66.0773, 0.3173, 0.3559

Protanopia

65.7223, 0.3345, 0.3516

Deuteranopia

65.8253, 0.3452, 0.3388



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.0773, 0.3173, 0.3559

Protanomaly

65.6904, 0.3281, 0.3531

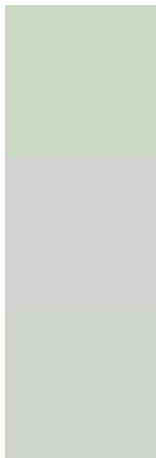
Deuteranomaly

65.5486, 0.3350, 0.3447

Tritanomaly

66.0301, 0.3049, 0.3267

Monochromacy



Original Color

66.0773, 0.3173, 0.3559

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.2135, 0.3144, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0773, 0.3173, 0.3559 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(202, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 194)  
}
```

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(202, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 194) }
```

Border

The CSS property to change the border of an element to Yxy 66.0773, 0.3173, 0.3559 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(202, 217, 194) }
```

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

```
.border{ border-color:rgb(202, 217, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0773, 0.3173, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 194) }
```

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

```
.background{ background-color: rgb(202,  
217, 194) }
```

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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