

Converting Colors

Yxy(61.7783, 0.3152, 0.3497)

Have a look what the booklet for
Yxy(61.7783, 0.3152, 0.3497)
contains.

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Color

Yxy(61.8138, 0.3148, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	C5D2C1
RGB	197, 210, 193
RGB Percent	77%, 82%, 76%
CMY	0.2272, 0.1765, 0.2432
CMYK	0.06, 0.00, 0.08, 0.18
HSL	106°, 16%, 79%
HSV	106°, 8%, 82%
XYZ	55.7085, 61.8138, 59.4425
YIQ	204.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

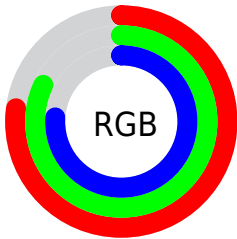
Format	Color
RYB	193, 210, 206
Decimal	12964545
CIELab	82.81, -7.49, 6.91
CIELCh	83, 10.188, 137.288
Yxy	61.8138, 0.3148, 0.3493
Android (android.graphics.Color)	4291154625 (0xFFC5D2C1)
YUV	204.1750, -5.5093, -6.2925
Hunter-Lab	78.6218, -11.1095, 10.2086

Details

The Yxy color **61.8138, 0.3148, 0.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9009, 0.3104, 0.3091**, and the grayscale version is **60.5430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4304, 0.3156, 0.3347**, and **31.5100, 0.3145, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **58.9002, 0.3172, 0.3770**, and if you desaturate by 10%, it is **65.0945, 0.3122, 0.3245**.

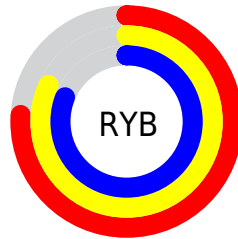
Distribution



Red (77%)

Green (82%)

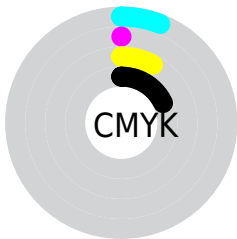
Blue (76%)



Red (76%)

Yellow (82%)

Blue (81%)

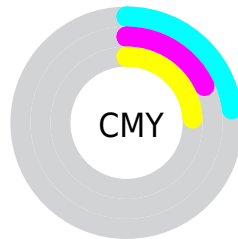


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (23%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8138, 0.3148, 0.3493 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 61.8138, 0.3148, 0.3493 by changing the saturation by 10% instead.

 61.8138, 0.3148,
0.3493

 61.8138, 0.3148,
0.3493

431.2516, 0.3139,
0.3395

 44.8823, 0.3150,
0.3516


 107.4564, 0.3145,
0.3458

 31.3647, 0.3152,
0.3546


136.9362, 0.3144,
0.3445

 20.8767, 0.3156,
0.3585


171.3676, 0.3143,
0.3434

 13.0339, 0.3159,
0.3637

211.1349, 0.3142,
0.3424

 7.4519, 0.3164,
0.3711

256.6226, 0.3141,
0.3415

 3.7463, 0.3170,
0.3826

308.2150, 0.3140,

 1.5327, 0.3176,

0.3408

0.4027

366.2965, 0.3139,
0.3401

0.3116, 0.2668,
0.7332

0.0000, 0.0000,
0.0000

61.8138, 0.3148,
0.3493

61.8138, 0.3148,
0.3493

58.9002, 0.3172,
0.3770

65.0945, 0.3122,
0.3245

56.3329, 0.3193,
0.4073

68.7462, 0.3096,
0.3025

54.1013, 0.3209,
0.4396

72.7191, 0.3077,
0.2841

52.1910, 0.3217,
0.4729

74.5684, 0.3148,
0.2851

■ 50.5866, 0.3215,
0.5056

■ 49.2714, 0.3201,
0.5356

■ 48.2270, 0.3175,
0.5609

■ 47.4325, 0.3139,
0.5795

■ 46.8611, 0.3097,
0.5911

Harmonies

Analogous

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



61.8138, 0.3272, 0.3517



61.8138, 0.3148, 0.3493



61.8138, 0.3020, 0.3411

Triad

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



61.8138, 0.3148, 0.3493



61.8138, 0.2900, 0.3100



61.8138, 0.3336, 0.3280

Complementary

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



61.8138, 0.3148, 0.3493



55.9009, 0.3104, 0.3091

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.



61.8138, 0.3233, 0.3174



61.8138, 0.3148, 0.3493



61.8138, 0.2981, 0.3070

Square

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



61.8138, 0.3148, 0.3493



61.8138, 0.2879, 0.3181



61.8138, 0.3102, 0.3098



61.8138, 0.3382, 0.3391

Rectangle

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



61.8138, 0.3148, 0.3493



61.8138, 0.2950, 0.3335



61.8138, 0.3102, 0.3098



61.8138, 0.3307, 0.3243

Sweetspot

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



61.8165, 0.3148, 0.3493



98.9473, 0.3132, 0.3339



61.5682, 0.3251, 0.3439



21.1898, 0.3132, 0.3337



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.



61.8165, 0.3148, 0.3493



94.9692, 0.3153, 0.3547



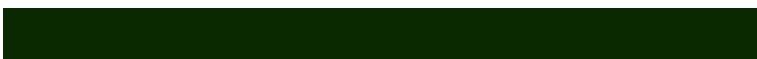
61.4673, 0.3089, 0.3443



13.3408, 0.3151, 0.3528



28.5722, 0.3097, 0.5923



1.6350, 0.3231, 0.5817

Inverse Universe

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



55.9009, 0.3104, 0.3091



83.6575, 0.3098, 0.3040



56.2809, 0.3168, 0.3142



11.8607, 0.3100, 0.3058



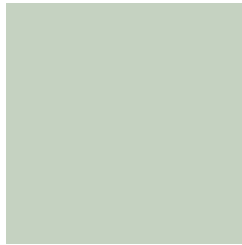
7.4318, 0.2614, 0.1214



0.4507, 0.2729, 0.1277

Previews

White Background



This preview shows how the Yxy color 61.8138, 0.3148, 0.3493 looks on a white background.

Color Contrast Check

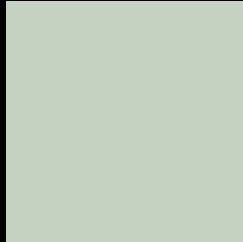
Large Text (above 18pt) WCAG AA × Fail

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 61.8138, 0.3148, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

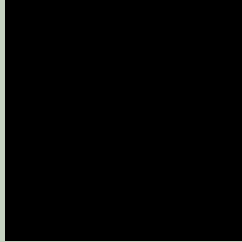
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

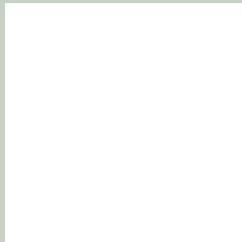
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8138, 0.3148, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 61.8138, 0.3148, 0.3493.



This preview shows how white text looks on a background with the Yxy color 61.8138, 0.3148, 0.3493.

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

61.8138, 0.3148, 0.3493

Protanopia

61.5265, 0.3298, 0.3464

Deuteranopia

61.6100, 0.3405, 0.3335



Tritanopia

61.9731, 0.2988, 0.3106

Trichromacy



Original Color

61.8138, 0.3148, 0.3493

Protanomaly

61.6526, 0.3241, 0.3478

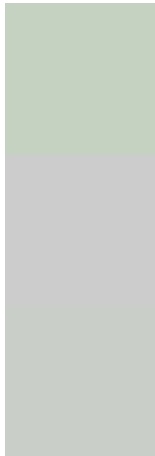
Deuteranomaly

61.5123, 0.3310, 0.3393

Tritanomaly

61.6082, 0.3047, 0.3243

Monochromacy



Original Color

61.8138, 0.3148, 0.3493

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7303, 0.3131, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8138, 0.3148, 0.3493 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(197, 210, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 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(197, 210, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.8138, 0.3148, 0.3493 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(197, 210, 193) }
```

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

```
.border{ border-color:rgb(197, 210, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 210, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 210, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 210, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 210,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8138, 0.3148, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 193) }
```

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

```
.background{ background-color: rgb(197,  
210, 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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