

Converting Colors

Yxy(61.8440, 0.2982, 0.3502)

Have a look what the booklet for
Yxy(61.8440, 0.2982, 0.3502)
contains.

Yxy(61.5893, 0.2982, 0.3499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.5893, 0.2982, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	B2D6C5
RGB	178, 214, 197
RGB Percent	70%, 84%, 77%
CMY	0.3018, 0.1608, 0.2275
CMYK	0.17, 0.00, 0.08, 0.16
HSL	152°, 30%, 77%
HSV	152°, 17%, 84%
XYZ	52.4891, 61.5893, 61.9413
YIQ	201.2980, -15.9990, -12.9190

Conversions

Conversions Part 2

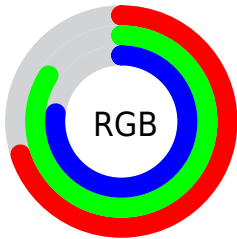
Format	Color
RYB	178, 202, 214
Decimal	11720389
CIELab	82.69, -15.19, 4.44
CIElCh	83, 15.828, 163.690
Yxy	61.5893, 0.2982, 0.3499
Android (android.graphics.Color)	4289910469 (0xFFB2D6C5)
YUV	201.2980, -2.1189, -20.4323
Hunter-Lab	78.4789, -17.9517, 8.1391

Details

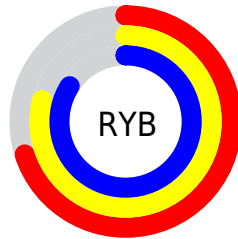
The Yxy color **61.5893, 0.2982, 0.3499** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0904, 0.3301, 0.3090**, and the grayscale version is **58.6282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1682, 0.3005, 0.3300**, and **31.1394, 0.2947, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **58.8060, 0.2901, 0.3642**, and if you desaturate by 10%, it is **64.8038, 0.3068, 0.3370**.

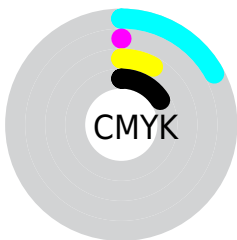
Distribution



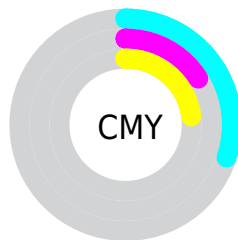
- Red (70%)
- Green (84%)
- Blue (77%)



- Red (70%)
- Yellow (79%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5893, 0.2982, 0.3499 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 61.5893, 0.2982, 0.3499 by changing the saturation by 10% instead.

■ 61.5893, 0.2982,
0.3499

■ 61.5893, 0.2982,
0.3499

430.4314, 0.3052,
0.3398

■ 44.7009, 0.2965,
0.3523

■ 107.1317, 0.3007,
0.3463

■ 31.2219, 0.2944,
0.3554

136.5546, 0.3016,
0.3449

■ 20.7679, 0.2917,
0.3594

170.9244, 0.3024,
0.3438

■ 12.9544, 0.2880,
0.3648

210.6255, 0.3031,
0.3427

■ 7.3972, 0.2827,
0.3726

256.0424, 0.3038,
0.3419

■ 3.7117, 0.2746,
0.3848

307.5594, 0.3043,

■ 1.5136, 0.2605,

0.3411

0.4061

365.5610, 0.3048,
0.3404

0.2983, 0.0000,
0.9550

0.0000, 0.0000,
0.0000

61.5893, 0.2982,
0.3499

61.5893, 0.2982,
0.3499

58.8060, 0.2901,
0.3642

64.8038, 0.3068,
0.3370

56.4273, 0.2826,
0.3798


68.4594, 0.3155,
0.3255


54.4354, 0.2762,
0.3966

72.5753, 0.3243,
0.3152

52.8082, 0.2711,
0.4144


75.4936, 0.3266,
0.3057


 51.5213, 0.2678,
0.4329


 76.1033, 0.3196,
0.2960

 50.5472, 0.2663,
0.4515

 76.5723, 0.3146,
0.2891

 49.8535, 0.2668,
0.4699

 49.3989, 0.2693,
0.4875

 49.2809, 0.2703,
0.4930

Harmonies

Analogous

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



61.5893, 0.3182, 0.3620



61.5893, 0.2982, 0.3499



61.5893, 0.2824, 0.3318

Triad

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



61.5893, 0.2982, 0.3499



61.5893, 0.2881, 0.2952



61.5893, 0.3523, 0.3423

Complementary

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



61.5893, 0.2982, 0.3499



50.0904, 0.3301, 0.3090

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.



61.5893, 0.3438, 0.3251



61.5893, 0.2982, 0.3499



61.5893, 0.3062, 0.2986

Square

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



61.5893, 0.2982, 0.3499



61.5893, 0.2767, 0.3005



61.5893, 0.3267, 0.3094



61.5893, 0.3498, 0.3568

Rectangle

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



61.5893, 0.2982, 0.3499



61.5893, 0.2762, 0.3194



61.5893, 0.3267, 0.3094



61.5893, 0.3506, 0.3367

Sweetspot

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



61.5919, 0.2982, 0.3499



97.2794, 0.3083, 0.3349



62.9653, 0.3235, 0.3724



20.7429, 0.3077, 0.3357



0.0000, 0.0000, 0.0000



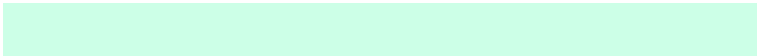
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5919, 0.2982, 0.3499



90.1208, 0.2954, 0.3546



62.1129, 0.2874, 0.3282



14.0043, 0.3045, 0.3402



29.8089, 0.2696, 0.4905



1.8146, 0.2612, 0.4601

Inverse Universe

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



50.0904, 0.3301, 0.3090



70.0532, 0.3344, 0.3048



49.6035, 0.3445, 0.3298



12.5176, 0.3218, 0.3180



9.2316, 0.5062, 0.2562



0.5735, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 61.5893, 0.2982, 0.3499 looks on a white background.

Color Contrast Check

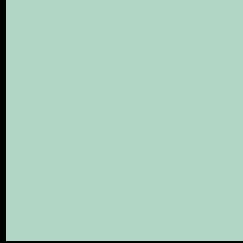
Large Text (above 18pt) WCAG AA × Fail

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 61.5893, 0.2982, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

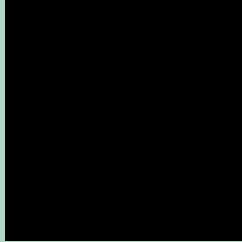
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

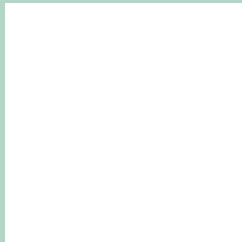
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5893, 0.2982, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 61.5893, 0.2982, 0.3499.

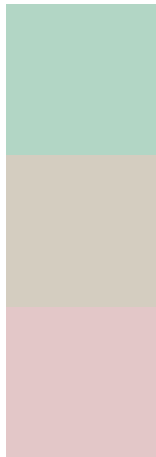


This preview shows how white text looks on a background with the Yxy color 61.5893, 0.2982, 0.3499.

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

61.5893, 0.2982, 0.3499

Protanopia

61.4655, 0.3275, 0.3441

Deuteranopia

61.3479, 0.3343, 0.3280



Tritanopia

61.6515, 0.2832, 0.3101

Trichromacy



Original Color

61.5893, 0.2982, 0.3499

Protanomaly

61.2862, 0.3165, 0.3456

Deuteranomaly

60.8646, 0.3202, 0.3348

Tritanomaly

61.3186, 0.2887, 0.3241

Monochromacy



Original Color

61.5893, 0.2982, 0.3499

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6502, 0.3071, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5893, 0.2982, 0.3499 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(178, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 214, 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(178, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 214, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.5893, 0.2982, 0.3499 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(178, 214, 197) }
```

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

```
.border{ border-color:rgb(178, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 214,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5893, 0.2982, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 214, 197) }
```

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

```
.background{ background-color: rgb(178,  
214, 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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