

Converting Colors

$Yxy(59.3637, 0.3238, 0.3990)$

Have a look what the booklet for
Yxy(59.3637, 0.3238, 0.3990)
contains.

Yxy(59.5221, 0.3240, 0.3991)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.5221, 0.3240, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	B2D59E
RGB	178, 213, 158
RGB Percent	70%, 84%, 62%
CMY	0.3021, 0.1647, 0.3803
CMYK	0.16, 0.00, 0.26, 0.16
HSL	98°, 40%, 73%
HSV	98°, 26%, 84%
XYZ	48.3216, 59.5221, 41.2971
YIQ	196.2650, -3.2050, -24.5250

Conversions

Conversions Part 2

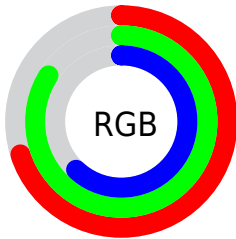
Format	Color
RYB	158, 213, 193
Decimal	11720094
CIELab	81.58, -21.53, 23.47
CIELCh	82, 31.849, 132.542
Yxy	59.5221, 0.3240, 0.3991
Android (android.graphics.Color)	4289910174 (0xFFB2D59E)
YUV	196.2650, -18.8646, -16.0184
Hunter-Lab	77.1506, -23.2138, 22.2687

Details

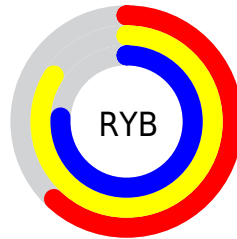
The Yxy color **59.5221, 0.3240, 0.3991** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.6099, 0.2980, 0.2616**, and the grayscale version is **55.4850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8165, 0.3239, 0.3719**, and **29.8543, 0.3265, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **57.3268, 0.3276, 0.4299**, and if you desaturate by 10%, it is **62.0085, 0.3198, 0.3701**.

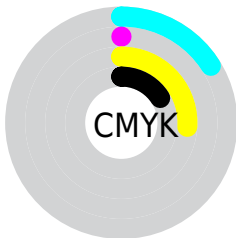
Distribution



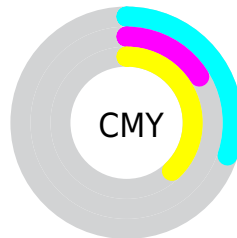
- Red (70%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)





- Cyan (30%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5221, 0.3240, 0.3991 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 59.5221, 0.3240, 0.3991 by changing the saturation by 10% instead.


 59.5221, 0.3240,
0.3991


 59.5221, 0.3240,
0.3991


422.8340, 0.3193,
0.3643

 43.0336, 0.3249,
0.4077


 104.1361, 0.3225,
0.3865

 29.9114, 0.3259,
0.4186


 133.0303, 0.3219,
0.3818

 19.7714, 0.3269,
0.4330


166.8286, 0.3213,
0.3778

 12.2290, 0.3277,
0.4527

205.9153, 0.3208,
0.3743

 6.8998, 0.3280,
0.4813

250.6748, 0.3204,
0.3713

 3.3995, 0.3257,
0.5257

301.4914, 0.3200,

 1.3437, 0.3401,

0.3687

0.6599

358.7497, 0.3196,
0.3663

0.1747, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.5221, 0.3240,
0.3991

59.5221, 0.3240,
0.3991

57.3268, 0.3276,
0.4299

62.0085, 0.3198,
0.3701

55.4039, 0.3304,
0.4617


64.7889, 0.3154,
0.3434

53.7438, 0.3319,
0.4930


67.8757, 0.3108,
0.3192


52.3337, 0.3319,
0.5222


71.2783, 0.3063,
0.2976


 51.1593, 0.3301,
0.5475

 74.3771, 0.3082,
0.2872

 50.2046, 0.3266,
0.5671

 76.0741, 0.3146,
0.2881

 49.4507, 0.3216,
0.5803

 49.1835, 0.3195,
0.5845

Harmonies

Analogous

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



59.5221, 0.3626, 0.4009



59.5221, 0.3240, 0.3991



59.5221, 0.2840, 0.3742

Triad

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



59.5221, 0.3240, 0.3991



59.5221, 0.2412, 0.2718



59.5221, 0.3752, 0.3188

Complementary

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



59.5221, 0.3240, 0.3991



40.6099, 0.2980, 0.2616

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.



59.5221, 0.3390, 0.2893



59.5221, 0.3240, 0.3991



59.5221, 0.2620, 0.2625

Square

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



59.5221, 0.3240, 0.3991



59.5221, 0.2379, 0.2974



59.5221, 0.2972, 0.2692



59.5221, 0.3938, 0.3520

Rectangle

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



59.5221, 0.3240, 0.3991



59.5221, 0.2618, 0.3488



59.5221, 0.2972, 0.2692



59.5221, 0.3646, 0.3082

Sweetspot

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



59.5247, 0.3240, 0.3991



96.3725, 0.3164, 0.3492



54.6894, 0.3570, 0.3708



20.4888, 0.3171, 0.3532



0.0000, 0.0000, 0.0000



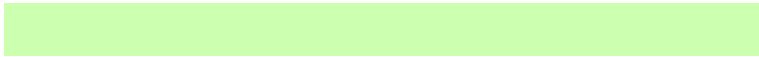
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5247, 0.3240, 0.3991



87.5790, 0.3261, 0.4159



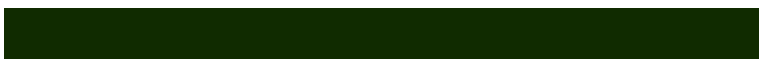
57.5944, 0.3046, 0.3922



14.1130, 0.3170, 0.3527



30.0928, 0.3205, 0.5838



1.8611, 0.3342, 0.5729

Inverse Universe

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



40.6099, 0.2980, 0.2616



54.4718, 0.2940, 0.2463



43.0483, 0.3221, 0.2731



12.3970, 0.3080, 0.3056



6.1773, 0.2320, 0.1052



0.4186, 0.2475, 0.1137

Previews

White Background



This preview shows how the Yxy color 59.5221, 0.3240, 0.3991 looks on a white background.

Color Contrast Check

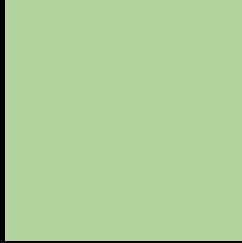
Large Text (above 18pt) WCAG AA × Fail

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 59.5221, 0.3240, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

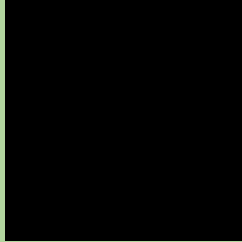
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5221, 0.3240, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 59.5221, 0.3240, 0.3991.



This preview shows how white text looks on a background with the Yxy color 59.5221, 0.3240, 0.3991.

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

59.5221, 0.3240, 0.3991

Protanopia

59.1399, 0.3608, 0.3866

Deuteranopia

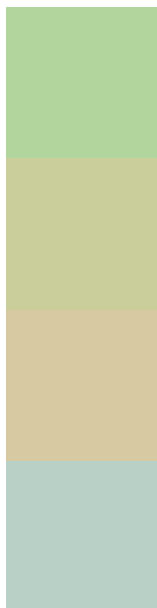
59.0251, 0.3733, 0.3648



Tritanopia

59.5745, 0.2894, 0.3100

Trichromacy



Original Color

59.5221, 0.3240, 0.3991

Protanomaly

59.0657, 0.3465, 0.3910

Deuteranomaly

58.7936, 0.3541, 0.3762

Tritanomaly

59.3793, 0.3018, 0.3412

Monochromacy



Original Color

59.5221, 0.3240, 0.3991

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.4373, 0.3170, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5221, 0.3240, 0.3991 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, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(178, 213, 158)  
}
```

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, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 213, 158) }
```

Border

The CSS property to change the border of an element to Yxy 59.5221, 0.3240, 0.3991 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, 213, 158) }
```

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

```
.border{ border-color:rgb(178, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(178, 213,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5221, 0.3240, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 213, 158) }
```

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

```
.background{ background-color: rgb(178,  
213, 158) }
```

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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