

Converting Colors

$Yxy(61.8734, 0.3157, 0.3791)$

Have a look what the booklet for
Yxy(61.8734, 0.3157, 0.3791)
contains.

Yxy(61.6411, 0.3154, 0.3788)	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(61.6411, 0.3154, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	B6D7AF
RGB	182, 215, 175
RGB Percent	71%, 84%, 69%
CMY	0.2864, 0.1568, 0.3136
CMYK	0.15, 0.00, 0.19, 0.16
HSL	110°, 33%, 76%
HSV	110°, 19%, 84%
XYZ	51.3242, 61.6411, 49.7620
YIQ	200.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

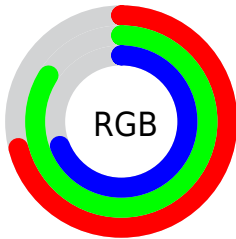
Format	Color
RYB	175, 215, 208
Decimal	11982767
CIELab	82.72, -18.37, 16.16
CIELCh	83, 24.461, 138.665
Yxy	61.6411, 0.3154, 0.3788
Android (android.graphics.Color)	4290172847 (0xFFB6D7AF)
YUV	200.5730, -12.6075, -16.2885
Hunter-Lab	78.5118, -20.7080, 17.3794

Details

The Yxy color **61.6411, 0.3154, 0.3788** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.9977, 0.3090, 0.2823**, and the grayscale version is **58.2113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4667, 0.3159, 0.3530**, and **31.2139, 0.3163, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **58.8371, 0.3165, 0.4097**, and if you desaturate by 10%, it is **64.8595, 0.3140, 0.3507**.

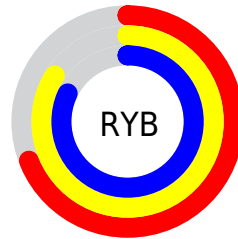
Distribution



Red (71%)

Green (84%)

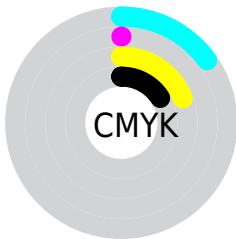
Blue (69%)



Red (69%)

Yellow (84%)

Blue (82%)

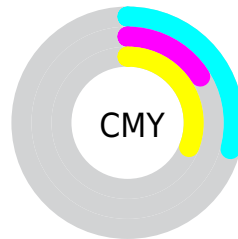


Cyan (15%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (29%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6411, 0.3154, 0.3788 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 61.6411, 0.3154, 0.3788 by changing the saturation by 10% instead.

■ 61.6411, 0.3154,
0.3788

■ 61.6411, 0.3154,
0.3788

430.6207, 0.3145,
0.3543

■ 44.7428, 0.3155,
0.3848

■ 107.2067, 0.3152,
0.3700

■ 31.2549, 0.3156,
0.3923

136.6427, 0.3150,
0.3667

■ 20.7930, 0.3156,
0.4023

171.0267, 0.3149,
0.3639

■ 12.9728, 0.3153,
0.4159

210.7431, 0.3148,
0.3614

■ 7.4098, 0.3146,
0.4355

256.1763, 0.3147,
0.3593

■ 3.7197, 0.3125,
0.4664

307.7107, 0.3147,

■ 1.5180, 0.3168,

0.3575

0.5396

365.7307, 0.3146,
0.3558

0.3014, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6411, 0.3154,
0.3788

61.6411, 0.3154,
0.3788

58.8371, 0.3165,
0.4097

64.8595, 0.3140,
0.3507

56.4231, 0.3170,
0.4428

68.5000, 0.3125,
0.3257

54.3838, 0.3170,
0.4770

72.5801, 0.3109,
0.3036

52.7001, 0.3162,
0.5104

76.7194, 0.3132,
0.2899

■ 51.3512, 0.3145,
0.5409

■ 77.0875, 0.3145,
0.2901

■ 50.3138, 0.3119,
0.5661

■ 49.5618, 0.3088,
0.5842

■ 49.0608, 0.3054,
0.5948

■ 49.0062, 0.3050,
0.5960

Harmonies

Analogous

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



61.6411, 0.3456, 0.3845



61.6411, 0.3154, 0.3788



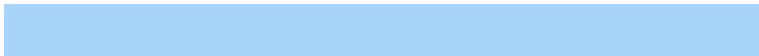
61.6411, 0.2855, 0.3574

Triad

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



61.6411, 0.3154, 0.3788



61.6411, 0.2598, 0.2828



61.6411, 0.3642, 0.3268

Complementary

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



61.6411, 0.3154, 0.3788



48.9977, 0.3090, 0.2823

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.



61.6411, 0.3391, 0.3027



61.6411, 0.3154, 0.3788



61.6411, 0.2788, 0.2777

Square

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



61.6411, 0.3154, 0.3788



61.6411, 0.2544, 0.3006



61.6411, 0.3075, 0.2850



61.6411, 0.3748, 0.3526

Rectangle

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



61.6411, 0.3154, 0.3788



61.6411, 0.2695, 0.3380



61.6411, 0.3075, 0.2850



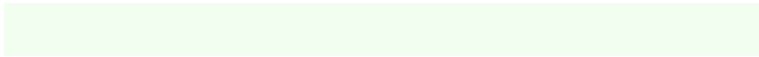
61.6411, 0.3571, 0.3183

Sweetspot

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



61.6437, 0.3154, 0.3788



96.7333, 0.3137, 0.3441



62.5019, 0.3420, 0.3670



20.6318, 0.3138, 0.3458



0.0000, 0.0000, 0.0000



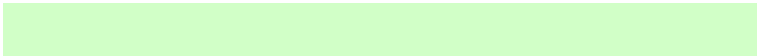
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6437, 0.3154, 0.3788



89.1401, 0.3158, 0.3897



61.3417, 0.3021, 0.3631



13.9984, 0.3142, 0.3529



29.3397, 0.3057, 0.5955



1.8018, 0.3163, 0.5871

Inverse Universe

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



48.9977, 0.3090, 0.2823



67.4821, 0.3081, 0.2729



49.3994, 0.3252, 0.2971



12.5187, 0.3110, 0.3058



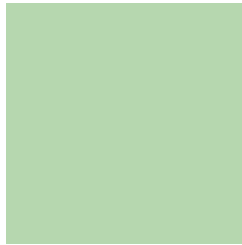
8.6167, 0.2776, 0.1303



0.5491, 0.2855, 0.1347

Previews

White Background



This preview shows how the Yxy color 61.6411, 0.3154, 0.3788 looks on a white background.

Color Contrast Check

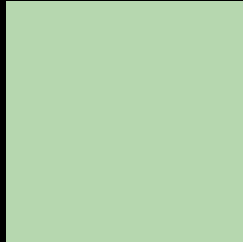
Large Text (above 18pt) WCAG AA × Fail

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 61.6411, 0.3154, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

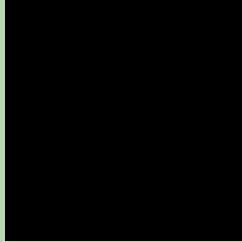
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

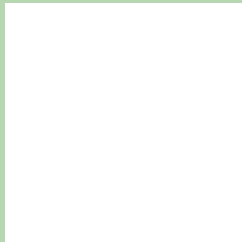
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6411, 0.3154, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 61.6411, 0.3154, 0.3788.



This preview shows how white text looks on a background with the Yxy color 61.6411, 0.3154, 0.3788.

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

61.6411, 0.3154, 0.3788

Protanopia

61.3166, 0.3479, 0.3697

Deuteranopia

61.3050, 0.3575, 0.3502



Tritanopia

61.4951, 0.2884, 0.3091

Trichromacy



Original Color

61.6411, 0.3154, 0.3788

Protanomaly

61.4169, 0.3352, 0.3733

Deuteranomaly

60.9990, 0.3413, 0.3593

Tritanomaly

61.6583, 0.2980, 0.3338

Monochromacy



Original Color

61.6411, 0.3154, 0.3788

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4177, 0.3134, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6411, 0.3154, 0.3788 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(182, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 175)  
}
```

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(182, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 175) }
```

Border

The CSS property to change the border of an element to Yxy 61.6411, 0.3154, 0.3788 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(182, 215, 175) }
```

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

```
.border{ border-color:rgb(182, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6411, 0.3154, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 175) }
```

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

```
.background{ background-color: rgb(182,  
215, 175) }
```

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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