

Converting Colors

Yxy(61.4024, 0.3306, 0.3906)

Have a look what the booklet for
Yxy(61.4024, 0.3306, 0.3906)
contains.

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Color

Yxy(61.3092, 0.3306, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5A3
RGB	191, 213, 163
RGB Percent	75%, 84%, 64%
CMY	0.2510, 0.1647, 0.3607
CMYK	0.10, 0.00, 0.23, 0.16
HSL	86°, 37%, 74%
HSV	86°, 23%, 84%
XYZ	51.8915, 61.3092, 43.7609
YIQ	200.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

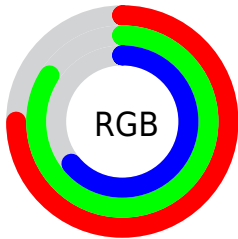
Format	Color
RYB	163, 213, 185
Decimal	12572067
CIELab	82.54, -16.11, 22.31
CIElCh	83, 27.517, 125.829
Yxy	61.3092, 0.3306, 0.3906
Android (android.graphics.Color)	4290762147 (0xFFBFD5A3)
YUV	200.7220, -18.5969, -8.5262
Hunter-Lab	78.3002, -18.7289, 21.6738

Details

The Yxy color **61.3092, 0.3306, 0.3906** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.3272, 0.2911, 0.2666**, and the grayscale version is **58.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5384, 0.3300, 0.3656**, and **30.9198, 0.3344, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **59.4338, 0.3377, 0.4194**, and if you desaturate by 10%, it is **63.3965, 0.3231, 0.3631**.

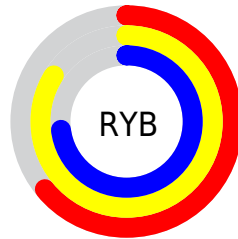
Distribution



Red (75%)

Green (84%)

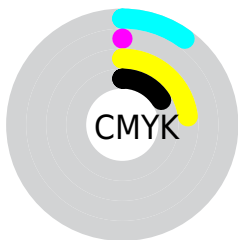
Blue (64%)



Red (64%)

Yellow (84%)

Blue (73%)

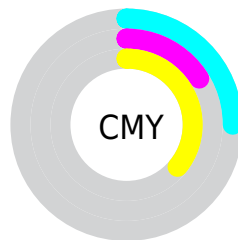


Cyan (10%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3092, 0.3306, 0.3906 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 61.3092, 0.3306, 0.3906 by changing the saturation by 10% instead.


 61.3092, 0.3306,
0.3906

 61.3092, 0.3306,
0.3906

429.4068, 0.3226,
0.3604

 44.4748, 0.3323,
0.3979


 106.7265, 0.3279,
0.3798

 31.0439, 0.3344,
0.4072


 136.0782, 0.3268,
0.3757

 20.6323, 0.3369,
0.4194


170.3710, 0.3259,
0.3722

 12.8555, 0.3399,
0.4358

209.9894, 0.3251,
0.3692

 7.3291, 0.3433,
0.4593

255.3178, 0.3243,
0.3665

 3.6688, 0.3467,
0.4953

306.7406, 0.3237,

 1.4901, 0.3842,

0.3642

0.6158

364.6421, 0.3231,
0.3622

0.2817, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.3092, 0.3306,
0.3906

61.3092, 0.3306,
0.3906

59.4338, 0.3377,
0.4194

63.3965, 0.3231,
0.3631

57.7544, 0.3439,
0.4486

65.6950, 0.3154,
0.3374

56.2651, 0.3488,
0.4771

68.2144, 0.3078,
0.3138

54.9567, 0.3519,
0.5037

70.9613, 0.3005,
0.2923

■ 53.8190, 0.3528,
0.5268

■ 72.9706, 0.3026,
0.2865

■ 52.8404, 0.3514,
0.5453

■ 74.6360, 0.3092,
0.2874

■ 52.0071, 0.3477,
0.5584

■ 76.0710, 0.3146,
0.2881

■ 51.5268, 0.3445,
0.5647

Harmonies

Analogous

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



61.3092, 0.3619, 0.3884



61.3092, 0.3306, 0.3906



61.3092, 0.2956, 0.3734

Triad

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



61.3092, 0.3306, 0.3906



61.3092, 0.2489, 0.2838



61.3092, 0.3602, 0.3142

Complementary

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



61.3092, 0.3306, 0.3906



41.3272, 0.2911, 0.2666

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.



61.3092, 0.3274, 0.2899



61.3092, 0.3306, 0.3906



61.3092, 0.2639, 0.2722

Square

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



61.3092, 0.3306, 0.3906



61.3092, 0.2497, 0.3089



61.3092, 0.2920, 0.2748



61.3092, 0.3801, 0.3430

Rectangle

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



61.3092, 0.3306, 0.3906



61.3092, 0.2750, 0.3535



61.3092, 0.2920, 0.2748



61.3092, 0.3502, 0.3054

Sweetspot

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



61.3119, 0.3306, 0.3906



97.4426, 0.3181, 0.3465



51.3580, 0.3551, 0.3553



20.8112, 0.3186, 0.3480



0.0000, 0.0000, 0.0000



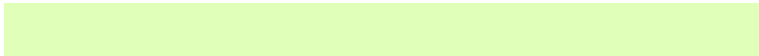
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3119, 0.3306, 0.3906



90.7402, 0.3341, 0.4044



58.3821, 0.3120, 0.3942



14.2352, 0.3199, 0.3525



31.5347, 0.3454, 0.5639



1.9507, 0.3578, 0.5541

Inverse Universe

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



41.3272, 0.2911, 0.2666



55.7890, 0.2857, 0.2525



44.6619, 0.3125, 0.2705



12.2736, 0.3050, 0.3054



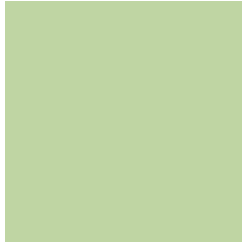
4.4403, 0.1918, 0.0830



0.3164, 0.2114, 0.0938

Previews

White Background



This preview shows how the Yxy color 61.3092, 0.3306, 0.3906 looks on a white background.

Color Contrast Check

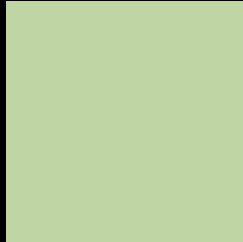
Large Text (above 18pt) WCAG AA × Fail

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 61.3092, 0.3306, 0.3906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

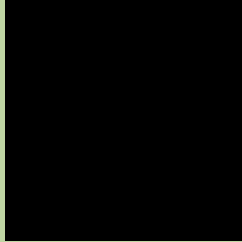
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3092, 0.3306, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 61.3092, 0.3306, 0.3906.



This preview shows how white text looks on a background with the Yxy color 61.3092, 0.3306, 0.3906.

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

61.3092, 0.3306, 0.3906

Protanopia

61.2259, 0.3579, 0.3824

Deuteranopia

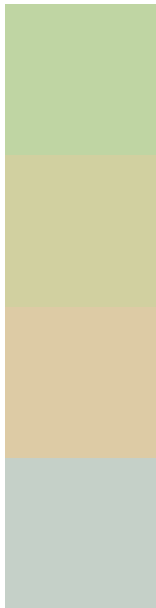
60.8628, 0.3708, 0.3633



Tritanopia

61.1625, 0.2980, 0.3105

Trichromacy



Original Color

61.3092, 0.3306, 0.3906

Protanomaly

61.2051, 0.3481, 0.3860

Deuteranomaly

60.8006, 0.3555, 0.3729

Tritanomaly

61.1522, 0.3100, 0.3385

Monochromacy



Original Color

61.3092, 0.3306, 0.3906

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1208, 0.3194, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3092, 0.3306, 0.3906 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(191, 213, 163)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 163)  
}
```

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(191, 213, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 163) }
```

Border

The CSS property to change the border of an element to Yxy 61.3092, 0.3306, 0.3906 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(191, 213, 163) }
```

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

```
.border{ border-color:rgb(191, 213, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 213, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 163);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3092, 0.3306, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 163) }
```

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

```
.background{ background-color: rgb(191,  
213, 163) }
```

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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