

Converting Colors

Yxy(60.2982, 0.3170, 0.3668)

Have a look what the booklet for
Yxy(60.2982, 0.3170, 0.3668)
contains.

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Color

Yxy(60.0798, 0.3170, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	BCD2B4
RGB	188, 210, 180
RGB Percent	74%, 82%, 71%
CMY	0.2625, 0.1765, 0.2941
CMYK	0.10, 0.00, 0.14, 0.18
HSL	104°, 25%, 76%
HSV	104°, 14%, 82%
XYZ	52.0363, 60.0798, 52.0363
YIQ	200.0020, -3.4820, -13.9940

Conversions

Conversions Part 2

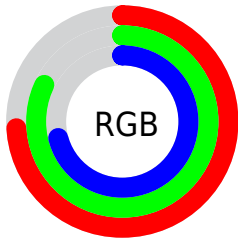
Format	Color
RYB	180, 210, 202
Decimal	12374708
CIELab	81.88, -12.87, 12.39
CIELCh	82, 17.867, 136.077
Yxy	60.0798, 0.3170, 0.3660
Android (android.graphics.Color)	4290564788 (0xFFBCD2B4)
YUV	200.0020, -9.8610, -10.5258
Hunter-Lab	77.5112, -15.8104, 14.4541

Details

The Yxy color **60.0798, 0.3170, 0.3660** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8437, 0.3077, 0.2933**, and the grayscale version is **57.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8092, 0.3168, 0.3477**, and **30.4601, 0.3183, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **57.4421, 0.3197, 0.3952**, and if you desaturate by 10%, it is **63.0598, 0.3140, 0.3395**.

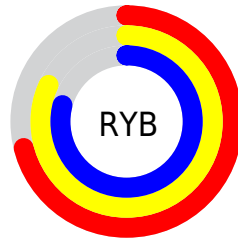
Distribution



Red (74%)

Green (82%)

Blue (71%)



Red (71%)

Yellow (82%)

Blue (79%)

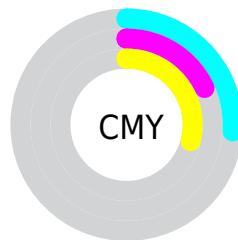


Cyan (10%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (26%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0798, 0.3170, 0.3660 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 60.0798, 0.3170, 0.3660 by changing the saturation by 10% instead.

 60.0798, 0.3170,
0.3660

 60.0798, 0.3170,
0.3660

424.8918, 0.3151,
0.3479

 43.4830, 0.3174,
0.3704


 104.9454, 0.3164,
0.3595

 30.2642, 0.3178,
0.3760


133.9830, 0.3161,
0.3570

 20.0392, 0.3183,
0.3833


167.9363, 0.3159,
0.3549

 12.4236, 0.3189,
0.3933

207.1896, 0.3157,
0.3531

 7.0328, 0.3196,
0.4078

252.1275, 0.3156,
0.3516

 3.4826, 0.3200,
0.4306

303.1342, 0.3154,

 1.3886, 0.3247,

0.3502

0.4798

360.5942, 0.3153,
0.3490

0.2083, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0798, 0.3170,
0.3660

60.0798, 0.3170,
0.3660

57.4421, 0.3197,
0.3952

63.0598, 0.3140,
0.3395

55.1267, 0.3220,
0.4266

66.3859, 0.3110,
0.3158

53.1231, 0.3235,
0.4593

70.0717, 0.3079,
0.2948

51.4174, 0.3240,
0.4921

73.5346, 0.3108,
0.2845

■ 49.9944, 0.3234,
0.5231

■ 74.5669, 0.3148,
0.2851

■ 48.8376, 0.3213,
0.5501

■ 47.9285, 0.3180,
0.5713

■ 47.2458, 0.3136,
0.5856

■ 46.9410, 0.3111,
0.5912

Harmonies

Analogous

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



60.0798, 0.3390, 0.3695



60.0798, 0.3170, 0.3660



60.0798, 0.2945, 0.3514

Triad

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



60.0798, 0.3170, 0.3660



60.0798, 0.2725, 0.2957



60.0798, 0.3493, 0.3260

Complementary

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



60.0798, 0.3170, 0.3660



49.8437, 0.3077, 0.2933

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.



60.0798, 0.3303, 0.3080



60.0798, 0.3170, 0.3660



60.0798, 0.2861, 0.2907

Square

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



60.0798, 0.3170, 0.3660



60.0798, 0.2694, 0.3099



60.0798, 0.3071, 0.2953



60.0798, 0.3581, 0.3454

Rectangle

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



60.0798, 0.3170, 0.3660



60.0798, 0.2821, 0.3377



60.0798, 0.3071, 0.2953



60.0798, 0.3439, 0.3197

Sweetspot

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



60.0824, 0.3170, 0.3660



97.9733, 0.3140, 0.3389



58.9987, 0.3353, 0.3545



20.8909, 0.3142, 0.3408



0.0000, 0.0000, 0.0000



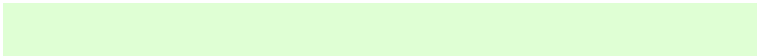
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0824, 0.3170, 0.3660



91.9924, 0.3178, 0.3742



59.3575, 0.3066, 0.3583



13.3578, 0.3156, 0.3527



28.6798, 0.3120, 0.5905



1.6430, 0.3258, 0.5795

Inverse Universe

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



49.8437, 0.3077, 0.2933



73.2481, 0.3065, 0.2856



50.6800, 0.3195, 0.3014



11.8426, 0.3095, 0.3058



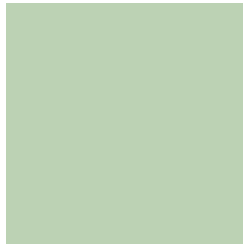
7.0528, 0.2542, 0.1174



0.4322, 0.2669, 0.1244

Previews

White Background



This preview shows how the Yxy color 60.0798, 0.3170, 0.3660 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 60.0798, 0.3170, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

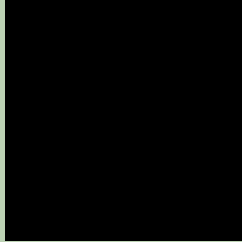
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

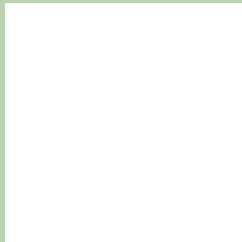
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0798, 0.3170, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 60.0798, 0.3170, 0.3660.

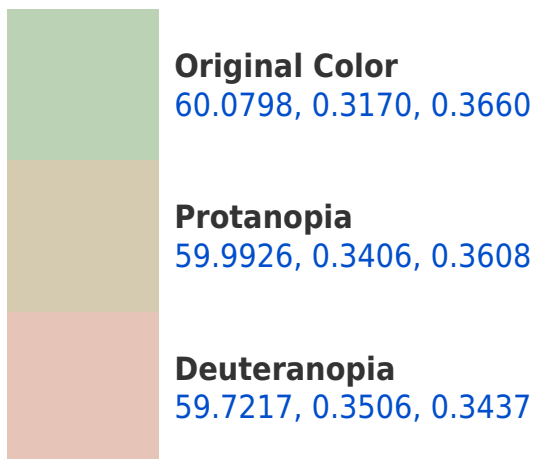


This preview shows how white text looks on a background with the Yxy color 60.0798, 0.3170, 0.3660.

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

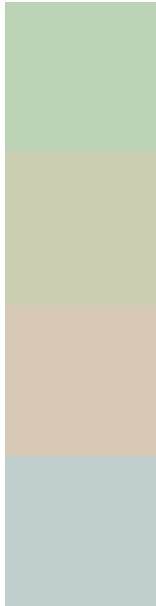




Tritanopia

59.8224, 0.2943, 0.3102

Trichromacy



Original Color

60.0798, 0.3170, 0.3660

Protanomaly

60.1543, 0.3320, 0.3637

Deuteranomaly

59.5978, 0.3380, 0.3512

Tritanomaly

59.7569, 0.3029, 0.3302

Monochromacy



Original Color

60.0798, 0.3170, 0.3660

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7717, 0.3144, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0798, 0.3170, 0.3660 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(188, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 180)  
}
```

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(188, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.0798, 0.3170, 0.3660 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(188, 210, 180) }
```

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

```
.border{ border-color:rgb(188, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0798, 0.3170, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 180) }
```

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

```
.background{ background-color: rgb(188,  
210, 180) }
```

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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