

Converting Colors

Yxy(60.3764, 0.3221, 0.3609)

Have a look what the booklet for
Yxy(60.3764, 0.3221, 0.3609)
contains.

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Color

Yxy(60.2249, 0.3219, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	C4D0B6
RGB	196, 208, 182
RGB Percent	77%, 82%, 71%
CMY	0.2314, 0.1843, 0.2864
CMYK	0.06, 0.00, 0.13, 0.18
HSL	88°, 22%, 76%
HSV	88°, 13%, 82%
XYZ	53.7615, 60.2249, 53.0266
YIQ	201.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

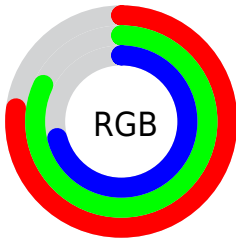
Format	Color
R_{YB}	182, 208, 194
Decimal	12898486
CIE _{Lab}	81.96, -8.74, 11.54
CIE _{LCh}	82, 14.478, 127.121
Yxy	60.2249, 0.3219, 0.3606
Android (android.graphics.Color)	4291088566 (0xFFC4D0B6)
YUV	201.4480, -9.5879, -4.7779
Hunter-Lab	77.6047, -12.1504, 13.8109

Details

The Yxy color **60.2249, 0.3219, 0.3606** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4609, 0.3026, 0.2973**, and the grayscale version is **58.7614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5757, 0.3214, 0.3454**, and **30.4470, 0.3239, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **58.1855, 0.3291, 0.3880**, and if you desaturate by 10%, it is **62.4794, 0.3146, 0.3351**.

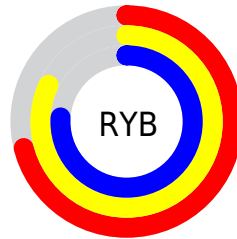
Distribution



Red (77%)

Green (82%)

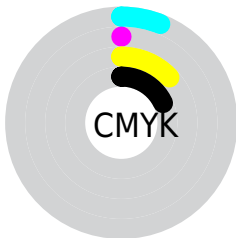
Blue (71%)



Red (71%)

Yellow (82%)

Blue (76%)

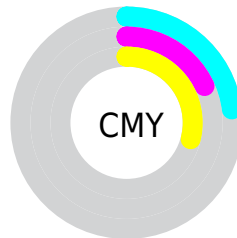


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (23%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2249, 0.3219, 0.3606 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 60.2249, 0.3219, 0.3606 by changing the saturation by 10% instead.


 60.2249, 0.3219,
0.3606

 60.2249, 0.3219,
0.3606


425.4262, 0.3176,
0.3452

 43.5999, 0.3229,
0.3643

 105.1558, 0.3204,
0.3551

 30.3561, 0.3241,
0.3690


134.2306, 0.3198,
0.3530

 20.1090, 0.3256,
0.3751


168.2241, 0.3193,
0.3512

 12.4743, 0.3276,
0.3835

207.5207, 0.3189,
0.3497

 7.0676, 0.3302,
0.3955

252.5048, 0.3185,
0.3484

 3.5044, 0.3339,
0.4142

303.5609, 0.3182,

 1.4004, 0.3429,

0.3472

0.4522

361.0732, 0.3179,
0.3462

0.2170, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2249, 0.3219,
0.3606

60.2249, 0.3219,
0.3606

58.1855, 0.3291,
0.3880

62.4794, 0.3146,
0.3351

56.3463, 0.3359,
0.4168

64.9480, 0.3073,
0.3117

54.7023, 0.3419,
0.4462

67.6397, 0.3003,
0.2905

53.2453, 0.3465,
0.4752

69.8883, 0.3002,
0.2810

■ 51.9665, 0.3495,
0.5023

■ 71.5587, 0.3070,
0.2820

■ 50.8561, 0.3504,
0.5262

■ 73.3183, 0.3138,
0.2830

■ 49.9031, 0.3489,
0.5456

■ 73.5955, 0.3149,
0.2831

■ 49.0945, 0.3453,
0.5595

■ 48.5683, 0.3415,
0.5670

Harmonies

Analogous

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



60.2249, 0.3385, 0.3607



60.2249, 0.3219, 0.3606



60.2249, 0.3032, 0.3513

Triad

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



60.2249, 0.3219, 0.3606



60.2249, 0.2783, 0.3048



60.2249, 0.3384, 0.3220

Complementary

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



60.2249, 0.3219, 0.3606



49.4609, 0.3026, 0.2973

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.



60.2249, 0.3216, 0.3082



60.2249, 0.3219, 0.3606



60.2249, 0.2870, 0.2982

Square

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



60.2249, 0.3219, 0.3606



60.2249, 0.2784, 0.3183



60.2249, 0.3028, 0.2995



60.2249, 0.3483, 0.3379

Rectangle

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



60.2249, 0.3219, 0.3606



60.2249, 0.2921, 0.3412



60.2249, 0.3028, 0.2995



60.2249, 0.3333, 0.3170

Sweetspot

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



60.2275, 0.3219, 0.3606



98.4795, 0.3157, 0.3389



55.2298, 0.3334, 0.3431



21.0188, 0.3162, 0.3408



0.0000, 0.0000, 0.0000



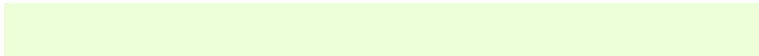
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2275, 0.3219, 0.3606



94.5847, 0.3238, 0.3677



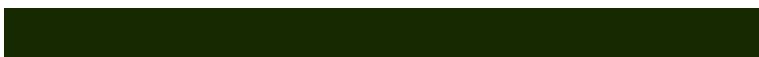
58.5914, 0.3122, 0.3615



13.5156, 0.3196, 0.3525



30.3261, 0.3425, 0.5662



1.7426, 0.3560, 0.5555

Inverse Universe

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



49.4609, 0.3026, 0.2973



74.2741, 0.3002, 0.2901



51.2186, 0.3131, 0.2983



11.6808, 0.3053, 0.3055



4.4404, 0.1956, 0.0851



0.2952, 0.2163, 0.0965

Previews

White Background



This preview shows how the Yxy color 60.2249, 0.3219, 0.3606 looks on a white background.

Color Contrast Check

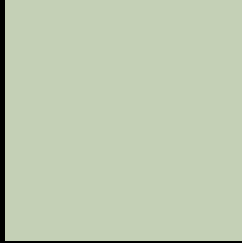
Large Text (above 18pt) WCAG AA × Fail

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 60.2249, 0.3219, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

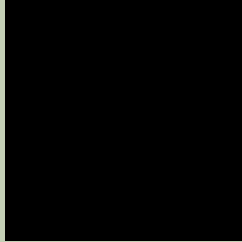
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

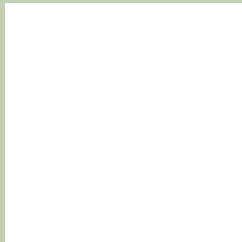
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2249, 0.3219, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 60.2249, 0.3219, 0.3606.



This preview shows how white text looks on a background with the Yxy color 60.2249, 0.3219, 0.3606.

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

60.2249, 0.3219, 0.3606

Protanopia

60.1127, 0.3383, 0.3572

Deuteranopia

59.7635, 0.3498, 0.3426



Tritanopia

60.3829, 0.3008, 0.3105

Trichromacy



Original Color

60.2249, 0.3219, 0.3606

Protanomaly

60.2233, 0.3324, 0.3587

Deuteranomaly

59.6329, 0.3399, 0.3487

Tritanomaly

60.3982, 0.3082, 0.3278

Monochromacy



Original Color

60.2249, 0.3219, 0.3606

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2229, 0.3160, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2249, 0.3219, 0.3606 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(196, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 182)  
}
```

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(196, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 182) }
```

Border

The CSS property to change the border of an element to Yxy 60.2249, 0.3219, 0.3606 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(196, 208, 182) }
```

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

```
.border{ border-color:rgb(196, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 208, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 208, 182); box-shadow:4px 4px 4px 4px rgb(196, 208, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2249, 0.3219, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 182) }
```

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

```
.background{ background-color: rgb(196,  
208, 182) }
```

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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