

Converting Colors

Yxy(60.8534, 0.3310, 0.3633)

Have a look what the booklet for
Yxy(60.8534, 0.3310, 0.3633)
contains.

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Color

Yxy(60.6774, 0.3311, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFB2
RGB	204, 207, 178
RGB Percent	80%, 81%, 70%
CMY	0.2002, 0.1881, 0.3020
CMYK	0.01, 0.00, 0.14, 0.19
HSL	66°, 23%, 75%
HSV	66°, 14%, 81%
XYZ	55.2386, 60.6774, 50.9176
YIQ	202.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

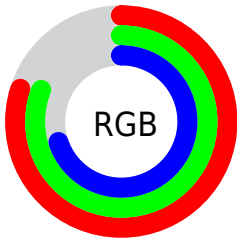
Format	Color
RYB	178, 207, 181
Decimal	13422514
CIELab	82.21, -6.04, 14.08
CIElCh	82, 15.321, 113.215
Yxy	60.6774, 0.3311, 0.3637
Android (android.graphics.Color)	4291612594 (0xFFCCCCFB2)
YUV	202.7970, -12.2249, 1.0550
Hunter-Lab	77.8957, -9.7367, 15.7712

Details

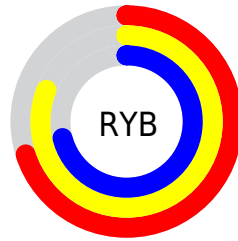
The Yxy color **60.6774, 0.3311, 0.3637** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1786, 0.2929, 0.2923**, and the grayscale version is **59.6581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **30.7472, 0.3362, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **59.6023, 0.3444, 0.3894**, and if you desaturate by 10%, it is **61.8877, 0.3179, 0.3387**.

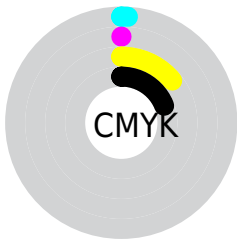
Distribution



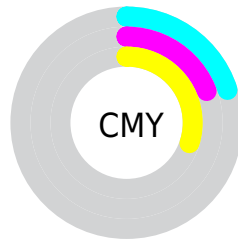
- Red (80%)
- Green (81%)
- Blue (70%)



- Red (70%)
- Yellow (81%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6774, 0.3311, 0.3637 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 60.6774, 0.3311, 0.3637 by changing the saturation by 10% instead.

■ 60.6774, 0.3311,
0.3637

■ 60.6774, 0.3311,
0.3637

427.0902, 0.3224,
0.3469

■ 43.9649, 0.3331,
0.3677

■ 105.8117, 0.3281,
0.3577

■ 30.6429, 0.3356,
0.3728

135.0023, 0.3269,
0.3554

■ 20.3271, 0.3388,
0.3794

169.1209, 0.3259,
0.3535

■ 12.6330, 0.3431,
0.3883

208.5522, 0.3250,
0.3518

■ 7.1763, 0.3488,
0.4010

253.6803, 0.3242,
0.3504

■ 3.5726, 0.3572,
0.4204

304.8897, 0.3236,

■ 1.4375, 0.3786,

0.3491

0.4642

362.5649, 0.3230,
0.3479

■ 0.2441, 0.2573,
0.7427

■ 0.0000, 0.0000,
0.0000

■ 60.6774, 0.3311,
0.3637

■ 60.6774, 0.3311,
0.3637

■ 59.6023, 0.3444,
0.3894

■ 61.8877, 0.3179,
0.3387

■ 58.6487, 0.3574,
0.4150


■ 63.2305, 0.3052,
0.3149


■ 57.8134, 0.3695,
0.4397

■ 64.7135, 0.2930,
0.2927


■ 57.0897, 0.3802,
0.4625


■ 65.9616, 0.2852,
0.2778

 56.4704, 0.3891,
0.4823


 66.2916, 0.2867,
0.2780

 55.9473, 0.3955,
0.4983


 66.6261, 0.2882,
0.2782


 55.5112, 0.3994,
0.5100

 66.9650, 0.2897,
0.2784

 55.1505, 0.4007,
0.5172

 67.3085, 0.2912,
0.2787

 54.9589, 0.4007,
0.5201

 67.6564, 0.2927,
0.2789

Harmonies

Analogous

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



60.6774, 0.3458, 0.3592



60.6774, 0.3311, 0.3637



60.6774, 0.3117, 0.3582

Triad

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



60.6774, 0.3311, 0.3637



60.6774, 0.2753, 0.3093



60.6774, 0.3322, 0.3144

Complementary

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



60.6774, 0.3311, 0.3637



46.1786, 0.2929, 0.2923

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.



60.6774, 0.3127, 0.3020



60.6774, 0.3311, 0.3637



60.6774, 0.2803, 0.2987

Square

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



60.6774, 0.3311, 0.3637



60.6774, 0.2799, 0.3259



60.6774, 0.2938, 0.2963



60.6774, 0.3466, 0.3306

Rectangle

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



60.6774, 0.3311, 0.3637



60.6774, 0.2989, 0.3496



60.6774, 0.2938, 0.2963



60.6774, 0.3260, 0.3097

Sweetspot

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



60.6801, 0.3311, 0.3637



99.1558, 0.3179, 0.3388



49.4898, 0.3379, 0.3326



21.1903, 0.3189, 0.3407



0.0000, 0.0000, 0.0000



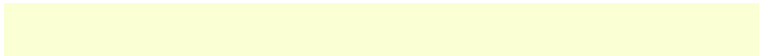
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6801, 0.3311, 0.3637



96.6543, 0.3353, 0.3718



58.7472, 0.3199, 0.3649



13.7313, 0.3250, 0.3521



34.6431, 0.4009, 0.5198



1.9557, 0.4045, 0.5170

Inverse Universe

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



46.1786, 0.2929, 0.2923



68.7688, 0.2878, 0.2832



48.0028, 0.3046, 0.2936



11.4768, 0.2998, 0.3051



2.9655, 0.1540, 0.0622



0.1866, 0.1652, 0.0684

Previews

White Background



This preview shows how the Yxy color 60.6774, 0.3311, 0.3637 looks on a white background.

Color Contrast Check

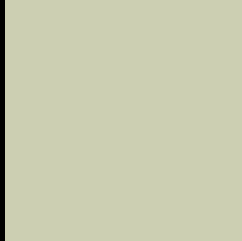
Large Text (above 18pt) WCAG AA × Fail

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 60.6774, 0.3311, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

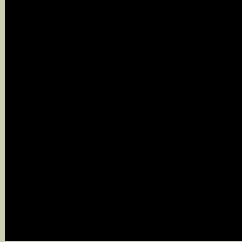
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

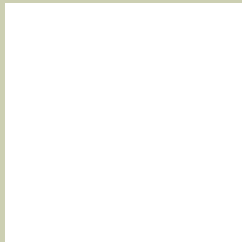
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6774, 0.3311, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 60.6774, 0.3311, 0.3637.



This preview shows how white text looks on a background with the Yxy color 60.6774, 0.3311, 0.3637.

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

60.6774, 0.3311, 0.3637

Protanopia

60.6165, 0.3412, 0.3618

Deuteranopia

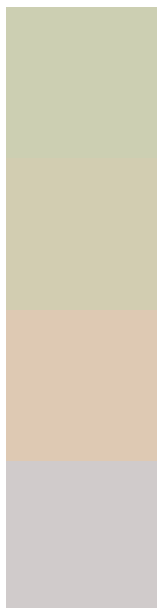
60.5514, 0.3553, 0.3481



Tritanopia

60.4847, 0.3082, 0.3108

Trichromacy



Original Color

60.6774, 0.3311, 0.3637

Protanomaly

60.5386, 0.3370, 0.3621

Deuteranomaly

60.5576, 0.3460, 0.3543

Tritanomaly

60.4336, 0.3166, 0.3290

Monochromacy



Original Color

60.6774, 0.3311, 0.3637

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7773, 0.3191, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6774, 0.3311, 0.3637 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(204, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 178)  
}
```

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(204, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 178) }
```

Border

The CSS property to change the border of an element to Yxy 60.6774, 0.3311, 0.3637 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(204, 207, 178) }
```

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

```
.border{ border-color:rgb(204, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6774, 0.3311, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 178) }
```

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

```
.background{ background-color: rgb(204,  
207, 178) }
```

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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