

Converting Colors

$Yxy(60.7715, 0.3370, 0.3511)$

Have a look what the booklet for
Yxy(60.7715, 0.3370, 0.3511)
contains.

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Color

Yxy(60.7715, 0.3370, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	D8CBB8
RGB	216, 203, 184
RGB Percent	85%, 80%, 72%
CMY	0.1528, 0.2039, 0.2785
CMYK	0.00, 0.06, 0.15, 0.15
HSL	36°, 29%, 78%
HSV	36°, 15%, 85%
XYZ	58.3309, 60.7715, 53.9864
YIQ	204.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

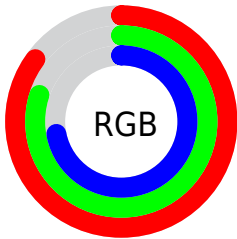
Format	Color
RYB	206, 216, 184
Decimal	14207928
CIELab	82.26, 1.39, 11.11
CIELCh	82, 11.196, 82.883
Yxy	60.7715, 0.3370, 0.3511
Android (android.graphics.Color)	4292398008 (0xFFD8CBB8)
YUV	204.7210, -10.2155, 9.8917
Hunter-Lab	77.9561, -2.8598, 13.5095

Details

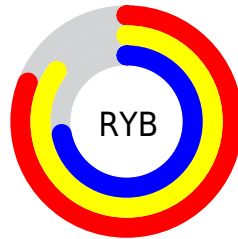
The Yxy color **60.7715, 0.3370, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0814, 0.2895, 0.3059**, and the grayscale version is **60.9260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **30.7107, 0.3431, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **55.9050, 0.3558, 0.3668**, and if you desaturate by 10%, it is **66.0168, 0.3202, 0.3360**.

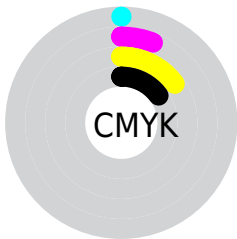
Distribution



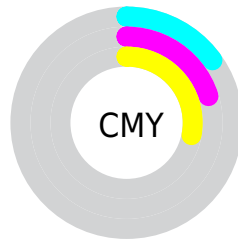
- Red (85%)
- Green (80%)
- Blue (72%)



- Red (81%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7715, 0.3370, 0.3511 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 60.7715, 0.3370, 0.3511 by changing the saturation by 10% instead.


 60.7715, 0.3370,
0.3511

 60.7715, 0.3370,
0.3511

427.4357, 0.3254,
0.3406

 44.0408, 0.3398,
0.3536


 105.9480, 0.3329,
0.3474

 30.7026, 0.3432,
0.3567


135.1626, 0.3313,
0.3460

 20.3725, 0.3477,
0.3607


169.3073, 0.3300,
0.3447

 12.6661, 0.3537,
0.3660

208.7664, 0.3288,
0.3437

 7.1990, 0.3621,
0.3734

253.9245, 0.3278,
0.3428

 3.5869, 0.3748,
0.3845

305.1657, 0.3269,

 1.4453, 0.3984,

0.3420

0.4052

362.8747, 0.3261,
0.3412

0.2497, 0.5206,
0.4794

0.0000, 0.0000,
0.0000

60.7715, 0.3370,
0.3511

60.7715, 0.3370,
0.3511

55.9050, 0.3558,
0.3668

66.0168, 0.3202,
0.3360

51.3990, 0.3764,
0.3827

71.6424, 0.3052,
0.3218

47.2456, 0.3987,
0.3980

77.6602, 0.2920,
0.3085

43.4334, 0.4221,
0.4120

83.0481, 0.2888,
0.3115

■ 39.9501, 0.4458,
0.4236

■ 88.2915, 0.2891,
0.3206

■ 36.7824, 0.4686,
0.4314

■ 93.3439, 0.2894,
0.3289

■ 33.9152, 0.4893,
0.4344

■ 31.3310, 0.5067,
0.4321

■ 30.0955, 0.5148,
0.4295

Harmonies

Analogous

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



60.7715, 0.3411, 0.3422



60.7715, 0.3370, 0.3511



60.7715, 0.3264, 0.3542

Triad

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



60.7715, 0.3370, 0.3511



60.7715, 0.2887, 0.3270



60.7715, 0.3127, 0.3090

Complementary

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



60.7715, 0.3370, 0.3511



55.0814, 0.2895, 0.3059

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.



60.7715, 0.2988, 0.3049



60.7715, 0.3370, 0.3511



60.7715, 0.2852, 0.3149

Square

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



60.7715, 0.3370, 0.3511



60.7715, 0.2985, 0.3401



60.7715, 0.2888, 0.3069



60.7715, 0.3268, 0.3182

Rectangle

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



60.7715, 0.3370, 0.3511



60.7715, 0.3171, 0.3523



60.7715, 0.2888, 0.3069



60.7715, 0.3078, 0.3070

Sweetspot

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



60.7742, 0.3370, 0.3511



96.7430, 0.3189, 0.3348



52.9192, 0.3292, 0.3135



20.5781, 0.3201, 0.3359



0.0000, 0.0000, 0.0000



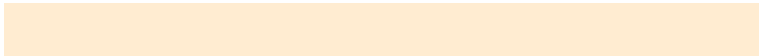
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7742, 0.3370, 0.3511



86.0549, 0.3430, 0.3563



66.7879, 0.3328, 0.3658



13.6337, 0.3276, 0.3428



18.0245, 0.5129, 0.4309



1.2479, 0.4925, 0.4472

Inverse Universe

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



55.0814, 0.2895, 0.3059



76.1451, 0.2840, 0.3001



49.7484, 0.2909, 0.2898



12.8294, 0.2982, 0.3148



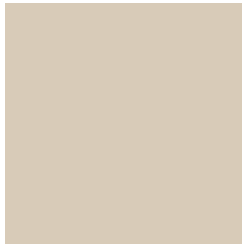
7.2475, 0.1692, 0.1292



0.5975, 0.1788, 0.1637

Previews

White Background



This preview shows how the Yxy color 60.7715, 0.3370, 0.3511 looks on a white background.

Color Contrast Check

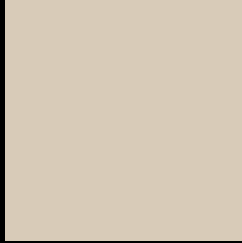
Large Text (above 18pt) WCAG AA × Fail

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 60.7715, 0.3370, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

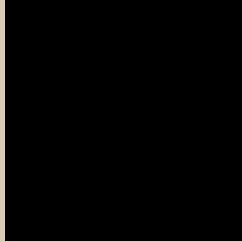
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

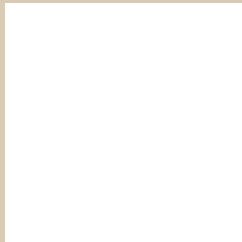
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7715, 0.3370, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 60.7715, 0.3370, 0.3511.

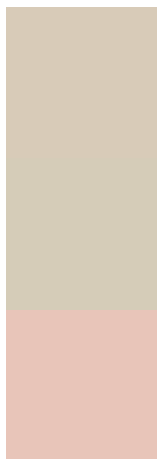


This preview shows how white text looks on a background with the Yxy color 60.7715, 0.3370, 0.3511.

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

60.7715, 0.3370, 0.3511

Protanopia

60.7926, 0.3344, 0.3524

Deuteranopia

60.5911, 0.3505, 0.3425



Tritanopia

60.9175, 0.3182, 0.3122

Trichromacy



Original Color

60.7715, 0.3370, 0.3511

Protanomaly

60.9426, 0.3352, 0.3523

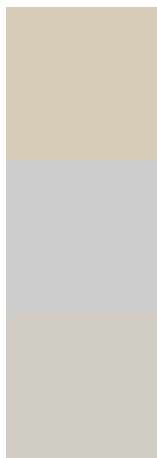
Deuteranomaly

60.5184, 0.3451, 0.3449

Tritanomaly

60.6804, 0.3255, 0.3256

Monochromacy



Original Color

60.7715, 0.3370, 0.3511

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7723, 0.3216, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7715, 0.3370, 0.3511 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(216, 203, 184)` looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 184)  
}
```

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(216, 203, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 184) }
```

Border

The CSS property to change the border of an element to Yxy 60.7715, 0.3370, 0.3511 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(216, 203, 184) }
```

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

```
.border{ border-color:rgb(216, 203, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 203, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 184);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7715, 0.3370, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 184) }
```

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

```
.background{ background-color: rgb(216,  
203, 184) }
```

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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