

Converting Colors

Yxy(60.4151, 0.3287, 0.3484)

Have a look what the booklet for
Yxy(60.4151, 0.3287, 0.3484)
contains.

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Color

Yxy(60.3719, 0.3282, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	D1CCBC
RGB	209, 204, 188
RGB Percent	82%, 80%, 74%
CMY	0.1803, 0.2000, 0.2626
CMYK	0.00, 0.02, 0.10, 0.18
HSL	46°, 19%, 78%
HSV	46°, 10%, 82%
XYZ	56.9697, 60.3719, 56.2406
YIQ	203.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

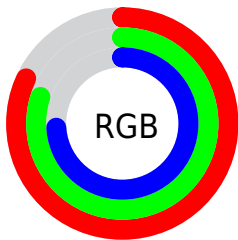
Format	Color
RYB	195, 209, 188
Decimal	13749436
CIELab	82.04, -1.01, 8.56
CIELCh	82, 8.624, 96.751
Yxy	60.3719, 0.3282, 0.3478
Android (android.graphics.Color)	4291939516 (0xFFD1CCBC)
YUV	203.6710, -7.7258, 4.6735
Hunter-Lab	77.6994, -5.0965, 11.4740

Details

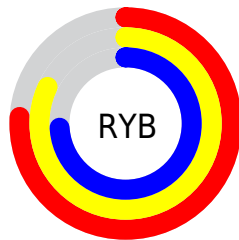
The Yxy color **60.3719, 0.3282, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4577, 0.2972, 0.3095**, and the grayscale version is **60.2145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **30.5305, 0.3324, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **57.2000, 0.3449, 0.3673**, and if you desaturate by 10%, it is **63.7558, 0.3128, 0.3291**.

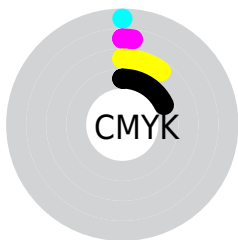
Distribution



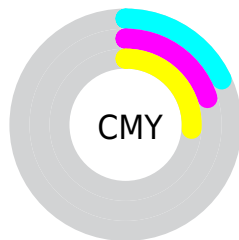
- Red (82%)
- Green (80%)
- Blue (74%)



- Red (76%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3719, 0.3282, 0.3478 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 60.3719, 0.3282, 0.3478 by changing the saturation by 10% instead.

 60.3719, 0.3282,
0.3478

 60.3719, 0.3282,
0.3478


425.9672, 0.3208,
0.3388

 43.7185, 0.3300,
0.3499


 105.3690, 0.3256,
0.3446

 30.4492, 0.3322,
0.3526


134.4814, 0.3246,
0.3434

 20.1798, 0.3350,
0.3561


168.5156, 0.3237,
0.3423

 12.5258, 0.3388,
0.3608

207.8560, 0.3230,
0.3414

 7.1029, 0.3442,
0.3675

252.8869, 0.3223,
0.3406

 3.5265, 0.3523,
0.3776

303.9929, 0.3218,

 1.4124, 0.3663,

0.3400

0.3952

361.5582, 0.3213,
0.3393

■ 0.2258, 0.4568,
0.5432

■ 0.0000, 0.0000,
0.0000

■ 60.3719, 0.3282,
0.3478

■ 60.3719, 0.3282,
0.3478

■ 57.2000, 0.3449,
0.3673

■ 63.7558, 0.3128,
0.3291

■ 54.2260, 0.3626,
0.3871

■ 67.3498, 0.2987,
0.3114

■ 51.4458, 0.3810,
0.4065

■ 71.1621, 0.2859,
0.2949

■ 48.8521, 0.3996,
0.4247

■ 74.0802, 0.2837,
0.2960

46.4371, 0.4176,
0.4407

76.8052, 0.2840,
0.3014

44.1922, 0.4343,
0.4534

79.6098, 0.2843,
0.3068

42.1077, 0.4488,
0.4620

82.4947, 0.2846,
0.3122

40.1720, 0.4605,
0.4658

85.4604, 0.2849,
0.3174

38.3721, 0.4695,
0.4654

88.5076, 0.2852,
0.3227

Harmonies

Analogous

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



60.3719, 0.3338, 0.3429



60.3719, 0.3282, 0.3478



60.3719, 0.3184, 0.3476

Triad

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



60.3719, 0.3282, 0.3478



60.3719, 0.2922, 0.3230



60.3719, 0.3179, 0.3164

Complementary

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



60.3719, 0.3282, 0.3478



53.4577, 0.2972, 0.3095

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.



60.3719, 0.3067, 0.3112



60.3719, 0.3282, 0.3478



60.3719, 0.2920, 0.3148

Square

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



60.3719, 0.3282, 0.3478



60.3719, 0.2977, 0.3331



60.3719, 0.2973, 0.3105



60.3719, 0.3279, 0.3248

Rectangle

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



60.3719, 0.3282, 0.3478



60.3719, 0.3110, 0.3445



60.3719, 0.2973, 0.3105



60.3719, 0.3142, 0.3142

Sweetspot

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



60.3745, 0.3282, 0.3478



98.3558, 0.3173, 0.3346



53.3973, 0.3261, 0.3228



20.9592, 0.3185, 0.3361



0.0000, 0.0000, 0.0000



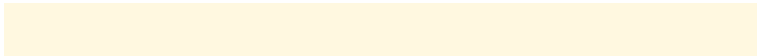
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3745, 0.3282, 0.3478



93.6050, 0.3316, 0.3518



62.0454, 0.3235, 0.3538



13.2987, 0.3272, 0.3466



23.8143, 0.4686, 0.4661



1.4498, 0.4577, 0.4748

Inverse Universe

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



53.4577, 0.2972, 0.3095



80.6840, 0.2938, 0.3051



51.9548, 0.3012, 0.3035



11.8700, 0.2982, 0.3108



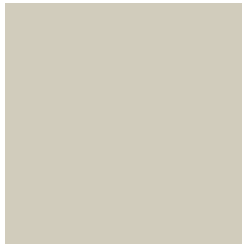
4.3715, 0.1577, 0.0877



0.3704, 0.1677, 0.1236

Previews

White Background



This preview shows how the Yxy color 60.3719, 0.3282, 0.3478 looks on a white background.

Color Contrast Check

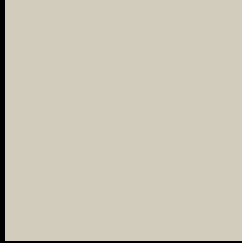
Large Text (above 18pt) WCAG AA × Fail

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 60.3719, 0.3282, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

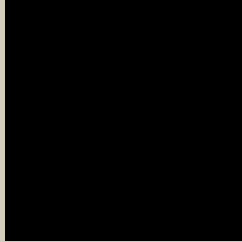
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

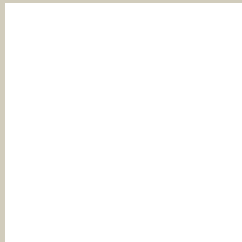
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3719, 0.3282, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 60.3719, 0.3282, 0.3478.



This preview shows how white text looks on a background with the Yxy color 60.3719, 0.3282, 0.3478.

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

60.3719, 0.3282, 0.3478

Protanopia

60.1916, 0.3299, 0.3466

Deuteranopia

60.2646, 0.3448, 0.3381



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.3719, 0.3282, 0.3478

Protanomaly

60.0444, 0.3291, 0.3466

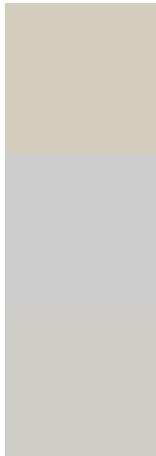
Deuteranomaly

60.5123, 0.3385, 0.3416

Tritanomaly

60.2266, 0.3176, 0.3233

Monochromacy



Original Color

60.3719, 0.3282, 0.3478

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3848, 0.3185, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3719, 0.3282, 0.3478 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(209, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 188)  
}
```

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(209, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.3719, 0.3282, 0.3478 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(209, 204, 188) }
```

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

```
.border{ border-color:rgb(209, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 204, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 204, 188); box-shadow:4px 4px 4px 4px rgb(209, 204, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3719, 0.3282, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 188) }
```

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

```
.background{ background-color: rgb(209,  
204, 188) }
```

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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