

Converting Colors

Yxy(52.2107, 0.3474, 0.3666)

Have a look what the booklet for
Yxy(52.2107, 0.3474, 0.3666)
contains.

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Color

Yxy(52.0615, 0.3474, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	CBBEA0
RGB	203, 190, 160
RGB Percent	80%, 75%, 63%
CMY	0.2039, 0.2549, 0.3724
CMYK	0.00, 0.06, 0.21, 0.20
HSL	42°, 29%, 71%
HSV	42°, 21%, 80%
XYZ	49.3888, 52.0615, 40.7166
YIQ	190.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

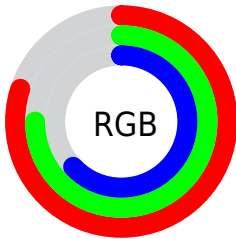
Format	Color
RYB	179, 203, 160
Decimal	13352608
CIELab	77.32, -0.26, 16.80
CIELCh	77, 16.804, 90.870
Yxy	52.0615, 0.3474, 0.3662
Android (android.graphics.Color)	4291542688 (0xFFCBBEA0)
YUV	190.4670, -15.0202, 10.9914
Hunter-Lab	72.1537, -4.0867, 17.0500

Details

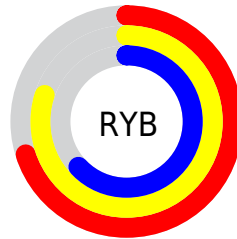
The Yxy color $52.0615, 0.3474, 0.3662$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.6850, 0.2787, 0.2888$, and the grayscale version is $51.8589, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0778, 0.3377, 0.3596$, and $25.2699, 0.3565, 0.3775$ is the 20% darker color. If you saturate the color by 10%, you get $48.8064, 0.3660, 0.3845$, and if you desaturate by 10%, it is $55.5493, 0.3302, 0.3482$.

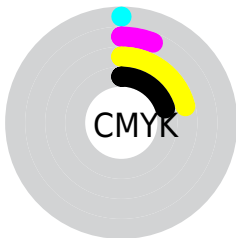
Distribution



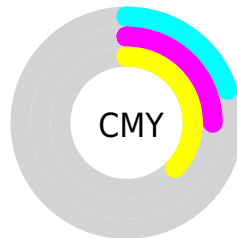
- Red (80%)
- Green (75%)
- Blue (63%)



- Red (70%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0615, 0.3474, 0.3662 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 52.0615, 0.3474, 0.3662 by changing the saturation by 10% instead.


 52.0615, 0.3474,
0.3662

 52.0615, 0.3474,
0.3662


394.6740, 0.3304,
0.3480

 37.0541, 0.3515,
0.3706


 93.2219, 0.3413,
0.3597

 25.2494, 0.3567,
0.3762

 120.1438, 0.3390,
0.3572

 16.2629, 0.3635,
0.3835


151.8058, 0.3370,
0.3551

 9.7104, 0.3727,
0.3935

188.5926, 0.3353,
0.3533

 5.2074, 0.3858,
0.4076

230.8884, 0.3339,
0.3517

 2.3694, 0.4056,
0.4291

279.0776, 0.3326,

 0.8101, 0.4853,

0.3503

0.5147

333.5447, 0.3314,
0.3491

0.0000, 0.0000,
0.0000

52.0615, 0.3474,
0.3662

52.0615, 0.3474,
0.3662

48.8064, 0.3660,
0.3845

55.5493, 0.3302,
0.3482

45.7701, 0.3856,
0.4024

59.2694, 0.3145,
0.3310

42.9473, 0.4057,
0.4192

63.2303, 0.3002,
0.3147

40.3301, 0.4256,
0.4338

67.4381, 0.2875,
0.2995

37.9094, 0.4445,
0.4451

71.4706, 0.2797,
0.2920

■ 35.6754, 0.4614,
0.4522

■ 74.7662, 0.2802,
0.2988

■ 33.6163, 0.4754,
0.4543

■ 78.1815, 0.2806,
0.3055

■ 31.9254, 0.4855,
0.4527

■ 81.7178, 0.2811,
0.3121

■ 85.3762, 0.2815,
0.3187

Harmonies

Analogous

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



52.0615, 0.3572, 0.3538



52.0615, 0.3474, 0.3662



52.0615, 0.3284, 0.3687

Triad

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



52.0615, 0.3474, 0.3662



52.0615, 0.2726, 0.3200



52.0615, 0.3186, 0.3010

Complementary

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



52.0615, 0.3474, 0.3662



41.6850, 0.2787, 0.2888

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.



52.0615, 0.2960, 0.2923



52.0615, 0.3474, 0.3662



52.0615, 0.2701, 0.3023

Square

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



52.0615, 0.3474, 0.3662



52.0615, 0.2854, 0.3413



52.0615, 0.2785, 0.2925



52.0615, 0.3403, 0.3166

Rectangle

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



52.0615, 0.3474, 0.3662



52.0615, 0.3133, 0.3638



52.0615, 0.2785, 0.2925



52.0615, 0.3109, 0.2972

Sweetspot

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



52.0638, 0.3474, 0.3662



96.1367, 0.3220, 0.3393



40.8901, 0.3418, 0.3119



20.4891, 0.3230, 0.3405



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.



52.0638, 0.3474, 0.3662



84.8626, 0.3550, 0.3738



56.8683, 0.3378, 0.3824



12.5016, 0.3273, 0.3451



20.4840, 0.4844, 0.4536



1.1862, 0.4688, 0.4660

Inverse Universe

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



41.6850, 0.2787, 0.2888



64.6839, 0.2715, 0.2797



37.7784, 0.2841, 0.2718



11.3880, 0.2983, 0.3124



5.0361, 0.1616, 0.1016



0.3941, 0.1727, 0.1418

Previews

White Background



This preview shows how the Yxy color 52.0615, 0.3474, 0.3662 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 52.0615, 0.3474, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

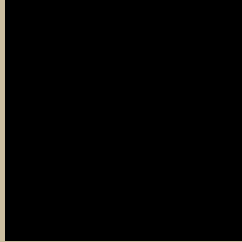
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

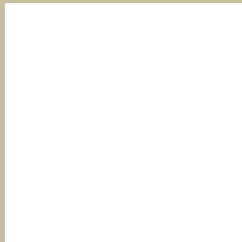
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0615, 0.3474, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 52.0615, 0.3474, 0.3662.



This preview shows how white text looks on a background with the Yxy color 52.0615, 0.3474, 0.3662.

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

52.0615, 0.3474, 0.3662

Protanopia

52.2172, 0.3454, 0.3676

Deuteranopia

52.0698, 0.3633, 0.3563



Tritanopia

52.2313, 0.3210, 0.3124

Trichromacy



Original Color

52.0615, 0.3474, 0.3662

Protanomaly

52.3562, 0.3463, 0.3675

Deuteranomaly

51.9872, 0.3574, 0.3592

Tritanomaly

52.1652, 0.3303, 0.3315

Monochromacy



Original Color

52.0615, 0.3474, 0.3662

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6837, 0.3254, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0615, 0.3474, 0.3662 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(203, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 160)  
}
```

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(203, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 160) }
```

Border

The CSS property to change the border of an element to Yxy 52.0615, 0.3474, 0.3662 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(203, 190, 160) }
```

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

```
.border{ border-color:rgb(203, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 190, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 190, 160); box-shadow:4px 4px 4px 4px rgb(203, 190, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0615, 0.3474, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 160) }
```

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

```
.background{ background-color: rgb(203,  
190, 160) }
```

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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