

Converting Colors

Yxy(51.8117, 0.3418, 0.3421)

Have a look what the booklet for
Yxy(51.8117, 0.3418, 0.3421)
contains.

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Color

Yxy(51.9146, 0.3421, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	D2BAAF
RGB	210, 186, 175
RGB Percent	82%, 73%, 69%
CMY	0.1766, 0.2705, 0.3138
CMYK	0.00, 0.11, 0.17, 0.18
HSL	19°, 28%, 75%
HSV	19°, 17%, 82%
XYZ	51.8691, 51.9146, 47.8360
YIQ	191.9220, 17.8350, 1.6670

Conversions

Conversions Part 2

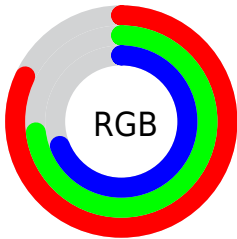
Format	Color
R _Y B	210, 191, 175
Decimal	13810351
CIE Lab	77.23, 6.74, 8.70
CIE LCh	77, 11.007, 52.221
Yxy	51.9146, 0.3421, 0.3424
Android (android.graphics.Color)	4292000431 (0xFFD2BAAF)
YUV	191.9220, -8.3425, 15.8544
Hunter-Lab	72.0518, 2.4091, 11.0729

Details

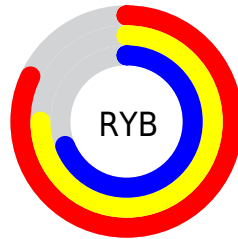
The Yxy color **51.9146, 0.3421, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5879, 0.2871, 0.3152**, and the grayscale version is **52.7056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5338, 0.3281, 0.3398**, and **25.1737, 0.3495, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **45.3973, 0.3641, 0.3510**, and if you desaturate by 10%, it is **59.1746, 0.3235, 0.3342**.

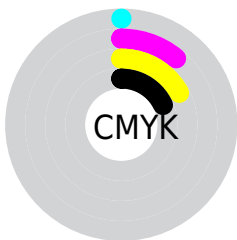
Distribution



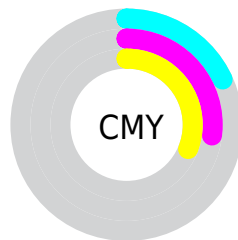
- Red (82%)
- Green (73%)
- Blue (69%)



- Red (82%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9146, 0.3421, 0.3424 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 51.9146, 0.3421, 0.3424 by changing the saturation by 10% instead.


 51.9146, 0.3421,
0.3424

 51.9146, 0.3421,
0.3424


394.1068, 0.3276,
0.3360

 36.9370, 0.3457,
0.3439

 93.0053, 0.3369,
0.3401

 25.1587, 0.3502,
0.3458


119.8872, 0.3349,
0.3393

 16.1953, 0.3562,
0.3483


151.5059, 0.3332,
0.3385

 9.6625, 0.3645,
0.3516

188.2460, 0.3318,
0.3379

 5.1758, 0.3766,
0.3562

230.4917, 0.3305,
0.3373

 2.3508, 0.3960,
0.3629

278.6275, 0.3294,

 0.8004, 0.4660,

0.3368

0.4018

333.0377, 0.3285,
0.3364

0.0000, 0.0000,
0.0000

51.9146, 0.3421,
0.3424

51.9146, 0.3421,
0.3424

45.3973, 0.3641,
0.3510

59.1746, 0.3235,
0.3342

39.5919, 0.3898,
0.3597

67.1931, 0.3078,
0.3265

34.4756, 0.4195,
0.3680

75.9940, 0.2945,
0.3194

30.0216, 0.4528,
0.3751

85.3394, 0.2854,
0.3170

26.2013, 0.4886,
0.3798

92.4384, 0.2860,
0.3289

■ 22.9839, 0.5249,
0.3811

■ 20.3355, 0.5584,
0.3777

■ 18.2172, 0.5857,
0.3697

■ 17.6160, 0.5939,
0.3667

Harmonies

Analogous

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



51.9146, 0.3380, 0.3299



51.9146, 0.3421, 0.3424



51.9146, 0.3381, 0.3517

Triad

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



51.9146, 0.3421, 0.3424



51.9146, 0.2983, 0.3408



51.9146, 0.2980, 0.3040

Complementary

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



51.9146, 0.3421, 0.3424



54.5879, 0.2871, 0.3152

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.



51.9146, 0.2878, 0.3062



51.9146, 0.3421, 0.3424



51.9146, 0.2880, 0.3273

Square

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



51.9146, 0.3421, 0.3424



51.9146, 0.3126, 0.3512



51.9146, 0.2842, 0.3146



51.9146, 0.3123, 0.3081

Rectangle

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



51.9146, 0.3421, 0.3424



51.9146, 0.3314, 0.3548



51.9146, 0.2842, 0.3146



51.9146, 0.2940, 0.3040

Sweetspot

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



51.9169, 0.3421, 0.3424



93.7608, 0.3208, 0.3329



48.4986, 0.3232, 0.2999



19.8862, 0.3220, 0.3335



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.



51.9169, 0.3421, 0.3424



76.8449, 0.3495, 0.3454



59.4953, 0.3389, 0.3622



12.4076, 0.3283, 0.3364



10.9081, 0.5912, 0.3688



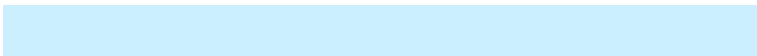
0.7516, 0.5548, 0.3977

Inverse Universe

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



54.5879, 0.2871, 0.3152



81.7470, 0.2816, 0.3120



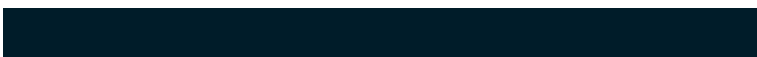
47.2137, 0.2861, 0.2935



12.7523, 0.2983, 0.3215



15.1582, 0.1954, 0.2235



0.9864, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 51.9146, 0.3421, 0.3424 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 51.9146, 0.3421, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

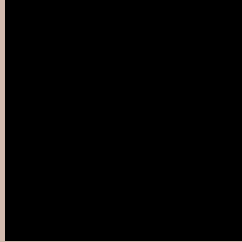
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9146, 0.3421, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 51.9146, 0.3421, 0.3424.



This preview shows how white text looks on a background with the Yxy color 51.9146, 0.3421, 0.3424.

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

51.9146, 0.3421, 0.3424

Protanopia

51.8716, 0.3286, 0.3452

Deuteranopia

51.8232, 0.3469, 0.3398



Tritanopia

52.0443, 0.3270, 0.3126

Trichromacy



Original Color

51.9146, 0.3421, 0.3424

Protanomaly

52.0863, 0.3338, 0.3451

Deuteranomaly

51.9392, 0.3449, 0.3411

Tritanomaly

51.9522, 0.3326, 0.3231

Monochromacy



Original Color

51.9146, 0.3421, 0.3424

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5142, 0.3232, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9146, 0.3421, 0.3424 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(210, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(210, 186, 175)  
}
```

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(210, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 51.9146, 0.3421, 0.3424 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(210, 186, 175) }
```

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

```
.border{ border-color:rgb(210, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(210, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9146, 0.3421, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 186, 175) }
```

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

```
.background{ background-color: rgb(210,  
186, 175) }
```

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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