

Converting Colors

Yxy(51.2182, 0.3411, 0.3462)

Have a look what the booklet for
Yxy(51.2182, 0.3411, 0.3462)
contains.

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Color

Yxy(51.2182, 0.3411, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	CEBAAC
RGB	206, 186, 172
RGB Percent	81%, 73%, 67%
CMY	0.1921, 0.2706, 0.3254
CMYK	0.00, 0.10, 0.17, 0.19
HSL	25°, 26%, 74%
HSV	25°, 17%, 81%
XYZ	50.4637, 51.2182, 46.2621
YIQ	190.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

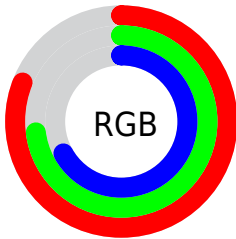
Format	Color
R _Y B	206, 196, 172
Decimal	13548204
CIE Lab	76.81, 4.82, 9.66
CIE LCh	77, 10.801, 63.473
Yxy	51.2182, 0.3411, 0.3462
Android (android.graphics.Color)	4291738284 (0xFFCEBAAC)
YUV	190.3840, -9.0633, 13.6952
Hunter-Lab	71.5669, 0.6230, 11.7707

Details

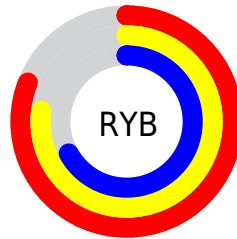
The Yxy color **51.2182, 0.3411, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9440, 0.2872, 0.3112**, and the grayscale version is **51.7744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3103, 0.3306, 0.3438**, and **24.7104, 0.3481, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **45.5934, 0.3620, 0.3573**, and if you desaturate by 10%, it is **57.4042, 0.3231, 0.3356**.

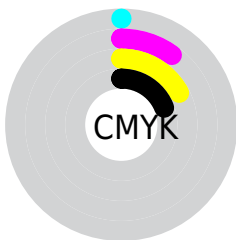
Distribution



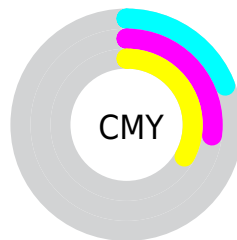
- Red (81%)
- Green (73%)
- Blue (67%)



- Red (81%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2182, 0.3411, 0.3462 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 51.2182, 0.3411, 0.3462 by changing the saturation by 10% instead.

 51.2182, 0.3411,
0.3462

 51.2182, 0.3411,
0.3462


391.4109, 0.3271,
0.3379

 36.3823, 0.3446,
0.3482


 91.9772, 0.3360,
0.3432

 24.7296, 0.3490,
0.3507


118.6691, 0.3341,
0.3421

 15.8757, 0.3548,
0.3540


150.0818, 0.3325,
0.3411

 9.4362, 0.3628,
0.3584

186.5997, 0.3311,
0.3403

 5.0268, 0.3746,
0.3647

228.6072, 0.3299,
0.3396

 2.2630, 0.3934,
0.3743

276.4886, 0.3288,

 0.7540, 0.4813,

0.3389

0.4349

330.6284, 0.3279,
0.3384

0.0000, 0.0000,
0.0000

51.2182, 0.3411,
0.3462

51.2182, 0.3411,
0.3462

45.5934, 0.3620,
0.3573

57.4042, 0.3231,
0.3356

40.5066, 0.3859,
0.3685

64.1600, 0.3076,
0.3256

35.9428, 0.4129,
0.3793

71.5031, 0.2943,
0.3164

31.8838, 0.4426,
0.3888

79.4477, 0.2828,
0.3079

28.3100, 0.4741,
0.3958

86.6502, 0.2833,
0.3202

■ 25.2005, 0.5056,
0.3990

■ 91.8646, 0.2838,
0.3289

■ 22.5322, 0.5349,
0.3974

■ 20.2784, 0.5597,
0.3905

■ 19.5778, 0.5677,
0.3874

Harmonies

Analogous

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



51.2182, 0.3401, 0.3347



51.2182, 0.3411, 0.3462



51.2182, 0.3343, 0.3535

Triad

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



51.2182, 0.3411, 0.3462



51.2182, 0.2941, 0.3358



51.2182, 0.3032, 0.3052

Complementary

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



51.2182, 0.3411, 0.3462



50.9440, 0.2872, 0.3112

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.



51.2182, 0.2913, 0.3050



51.2182, 0.3411, 0.3462



51.2182, 0.2861, 0.3223

Square

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



51.2182, 0.3411, 0.3462



51.2182, 0.3070, 0.3476



51.2182, 0.2851, 0.3111



51.2182, 0.3179, 0.3114

Rectangle

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



51.2182, 0.3411, 0.3462



51.2182, 0.3264, 0.3547



51.2182, 0.2851, 0.3111



51.2182, 0.2987, 0.3044

Sweetspot

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



51.2205, 0.3411, 0.3462



94.5094, 0.3207, 0.3341



46.4590, 0.3260, 0.3043



20.0678, 0.3218, 0.3348



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.



51.2205, 0.3411, 0.3462



79.4554, 0.3486, 0.3503



58.6357, 0.3379, 0.3658



11.9587, 0.3280, 0.3386



12.2338, 0.5651, 0.3895



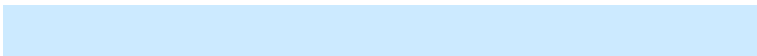
0.7795, 0.5300, 0.4174

Inverse Universe

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



50.9440, 0.2872, 0.3112



78.9185, 0.2813, 0.3067



44.0506, 0.2862, 0.2894



11.9233, 0.2983, 0.3192



11.4025, 0.1860, 0.1895



0.7355, 0.1943, 0.2196

Previews

White Background



This preview shows how the Yxy color 51.2182, 0.3411, 0.3462 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 51.2182, 0.3411, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

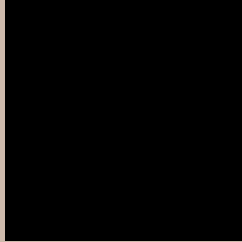
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2182, 0.3411, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 51.2182, 0.3411, 0.3462.



This preview shows how white text looks on a background with the Yxy color 51.2182, 0.3411, 0.3462.

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

51.2182, 0.3411, 0.3462

Protanopia

51.3215, 0.3311, 0.3478

Deuteranopia

51.1802, 0.3479, 0.3411



Tritanopia

51.0424, 0.3237, 0.3112

Trichromacy



Original Color

51.2182, 0.3411, 0.3462

Protanomaly

51.2629, 0.3347, 0.3477

Deuteranomaly

51.1470, 0.3451, 0.3424

Tritanomaly

50.9077, 0.3301, 0.3230

Monochromacy



Original Color

51.2182, 0.3411, 0.3462

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5499, 0.3232, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2182, 0.3411, 0.3462 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(206, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 172)  
}
```

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(206, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.2182, 0.3411, 0.3462 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(206, 186, 172) }
```

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

```
.border{ border-color:rgb(206, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2182, 0.3411, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 172) }
```

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

```
.background{ background-color: rgb(206,  
186, 172) }
```

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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