

Converting Colors

$Yxy(44.6510, 0.3143, 0.2956)$

Have a look what the booklet for
Yxy(44.6510, 0.3143, 0.2956)
contains.

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Color

Yxy(44.6510, 0.3143, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	C5AAC5
RGB	197, 170, 197
RGB Percent	77%, 67%, 77%
CMY	0.2275, 0.3333, 0.2275
CMYK	0.00, 0.14, 0.00, 0.23
HSL	300°, 19%, 72%
HSV	300°, 14%, 77%
XYZ	47.4757, 44.6510, 58.9254
YIQ	181.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

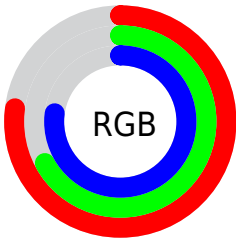
Format	Color
R_{YB}	197, 170, 197
Decimal	12954309
CIE _{Lab}	72.66, 14.56, -10.12
CIE _{LCh}	73, 17.727, 325.193
Yxy	44.6510, 0.3143, 0.2956
Android (android.graphics.Color)	4291144389 (0xFFC5AAC5)
YUV	181.1510, 7.8136, 13.8996
Hunter-Lab	66.8214, 9.8843, -5.5090

Details

The Yxy color **44.6510, 0.3143, 0.2956** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3814, 0.3110, 0.3648**, and the grayscale version is **46.2486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0770, 0.3140, 0.3008**, and **20.7797, 0.3147, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **37.8110, 0.3155, 0.2708**, and if you desaturate by 10%, it is **52.6016, 0.3131, 0.3201**.

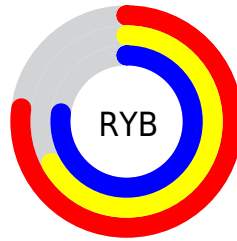
Distribution



Red (77%)

Green (67%)

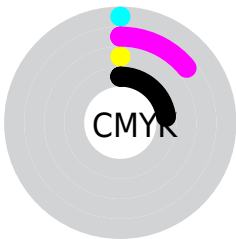
Blue (77%)



Red (77%)

Yellow (67%)

Blue (77%)

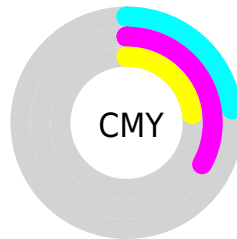


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6510, 0.3143, 0.2956 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 44.6510, 0.3143, 0.2956 by changing the saturation by 10% instead.


 44.6510, 0.3143,
0.2956

 44.6510, 0.3143,
0.2956


365.3583, 0.3137,
0.3120

 31.1826, 0.3144,
0.2916


 82.1965, 0.3141,
0.3015

 20.7379, 0.3145,
0.2865


107.0423, 0.3140,
0.3037

 12.9326, 0.3146,
0.2798


136.4495, 0.3140,
0.3056

 7.3821, 0.3146,
0.2707

170.8023, 0.3139,
0.3073

 3.7022, 0.3145,
0.2574

210.4852, 0.3138,
0.3087

 1.5084, 0.3137,
0.2363

255.8825, 0.3138,

 0.2946, 0.3242,

0.3099

0.1504

307.3788, 0.3137,
0.3110

0.0000, 0.0000,
0.0000

44.6510, 0.3143,
0.2956

44.6510, 0.3143,
0.2956

37.8110, 0.3155,
0.2708

52.6016, 0.3131,
0.3201

32.0268, 0.3166,
0.2464

61.7030, 0.3120,
0.3438

27.2474, 0.3177,
0.2233

72.0005, 0.3110,
0.3661

23.4157, 0.3187,
0.2025

83.5352, 0.3100,
0.3869

20.4686, 0.3196,
0.1849

87.4233, 0.3097,
0.3931

■ 18.3354, 0.3203,
0.1711

■ 87.4239, 0.3097,
0.3931

■ 16.9346, 0.3207,
0.1616

■ 87.4245, 0.3097,
0.3931

■ 16.1680, 0.3210,
0.1562

■ 87.4252, 0.3097,
0.3931

■ 15.8945, 0.3211,
0.1543

■ 87.4258, 0.3096,
0.3930

Harmonies

Analogous

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



44.6510, 0.2899, 0.2876



44.6510, 0.3143, 0.2956



44.6510, 0.3392, 0.3116

Triad

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



44.6510, 0.3143, 0.2956



44.6510, 0.3542, 0.3683



44.6510, 0.2701, 0.3232

Complementary

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



44.6510, 0.3143, 0.2956



51.3814, 0.3110, 0.3648

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.



44.6510, 0.2861, 0.3470



44.6510, 0.3143, 0.2956



44.6510, 0.3346, 0.3737

Square

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



44.6510, 0.3143, 0.2956



44.6510, 0.3627, 0.3528



44.6510, 0.3096, 0.3660



44.6510, 0.2652, 0.3024

Rectangle

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



44.6510, 0.3143, 0.2956



44.6510, 0.3523, 0.3250



44.6510, 0.3096, 0.3660



44.6510, 0.2744, 0.3312

Sweetspot

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



44.6529, 0.3143, 0.2956



93.6634, 0.3132, 0.3193



41.3310, 0.2910, 0.2931



19.8009, 0.3133, 0.3174



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.



44.6529, 0.3143, 0.2956



76.6726, 0.3146, 0.2893



44.0626, 0.3257, 0.3120



10.8165, 0.3138, 0.3063



10.4550, 0.3211, 0.1543



0.4951, 0.3211, 0.1542

Inverse Universe

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



44.6529, 0.3143, 0.2956



76.6726, 0.3146, 0.2893



51.9179, 0.3014, 0.3466



10.8165, 0.3138, 0.3063



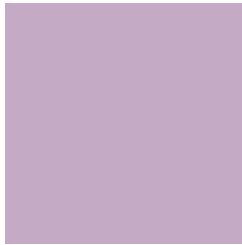
10.4550, 0.3211, 0.1543



0.4951, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 44.6510, 0.3143, 0.2956 looks on a white background.

Color Contrast Check

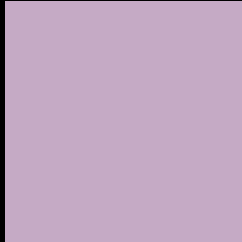
Large Text (above 18pt) WCAG AA × Fail

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 44.6510, 0.3143, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

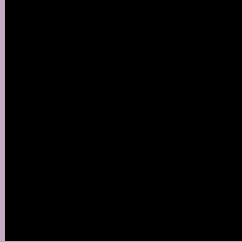
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6510, 0.3143, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 44.6510, 0.3143, 0.2956.



This preview shows how white text looks on a background with the Yxy color 44.6510, 0.3143, 0.2956.

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

44.6510, 0.3143, 0.2956

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

44.8224, 0.3062, 0.3010



Tritanopia

44.6099, 0.3224, 0.3126

Trichromacy



Original Color

44.6510, 0.3143, 0.2956

Protanomaly

44.5095, 0.2997, 0.2958

Deuteranomaly

44.9490, 0.3097, 0.3001

Tritanomaly

44.5357, 0.3200, 0.3064

Monochromacy



Original Color

44.6510, 0.3143, 0.2956

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5969, 0.3133, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6510, 0.3143, 0.2956 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(197, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 197)  
}
```

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(197, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.6510, 0.3143, 0.2956 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(197, 170, 197) }
```

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

```
.border{ border-color:rgb(197, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6510, 0.3143, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 197) }
```

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

```
.background{ background-color: rgb(197,  
170, 197) }
```

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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