

Converting Colors

Yxy(57.2616, 0.3199, 0.4222)

Have a look what the booklet for
Yxy(57.2616, 0.3199, 0.4222)
contains.

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Color

Yxy(57.0757, 0.3197, 0.4212)

Conversions

Conversions Part 1

Format	Color
Hex	A0D590
RGB	160, 213, 144
RGB Percent	63%, 84%, 56%
CMY	0.3726, 0.1647, 0.4354
CMYK	0.25, 0.00, 0.32, 0.16
HSL	106°, 45%, 70%
HSV	106°, 32%, 84%
XYZ	43.3217, 57.0757, 35.1100
YIQ	189.2870, -9.4390, -32.6950

Conversions

Conversions Part 2

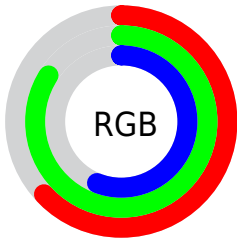
Format	Color
RYB	144, 213, 197
Decimal	10540432
CIELab	80.22, -29.96, 28.75
CIElCh	80, 41.524, 136.177
Yxy	57.0757, 0.3197, 0.4212
Android (android.graphics.Color)	4288730512 (0xFFA0D590)
YUV	189.2870, -22.3265, -25.6847
Hunter-Lab	75.5485, -29.8527, 25.3298

Details

The Yxy color **57.0757, 0.3197, 0.4212** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.6158, 0.3015, 0.2453**, and the grayscale version is **51.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1961, 0.3210, 0.3898**, and **28.3698, 0.3197, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **54.9105, 0.3209, 0.4542**, and if you desaturate by 10%, it is **59.5906, 0.3179, 0.3898**.

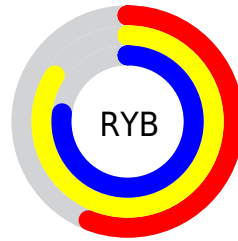
Distribution



Red (63%)

Green (84%)

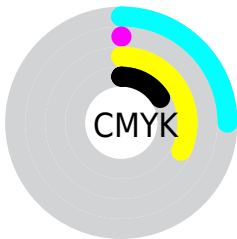
Blue (56%)



Red (56%)

Yellow (84%)

Blue (77%)

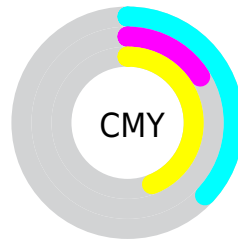


Cyan (25%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (37%)


Magenta (16%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0757, 0.3197, 0.4212 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 57.0757, 0.3197, 0.4212 by changing the saturation by 10% instead.

 57.0757, 0.3197,
0.4212

 57.0757, 0.3197,
0.4212


413.7329, 0.3176,
0.3746

 41.0660, 0.3198,
0.4329

 100.5756, 0.3193,
0.4042

 28.3707, 0.3196,
0.4479


 128.8347, 0.3190,
0.3978

 18.6053, 0.3188,
0.4678


161.9456, 0.3188,
0.3924

 11.3854, 0.3169,
0.4954

200.2929, 0.3185,
0.3878

 6.3267, 0.3122,
0.5355

244.2609, 0.3183,
0.3838

 3.0447, 0.3055,
0.6090

294.2339, 0.3180,

 1.1551, 0.2296,

0.3804

0.7704

350.5965, 0.3178,
0.3773

0.0246, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0757, 0.3197,
0.4212

57.0757, 0.3197,
0.4212

54.9105, 0.3209,
0.4542

59.5906, 0.3179,
0.3898

53.0722, 0.3212,
0.4876

62.4624, 0.3157,
0.3609

51.5464, 0.3204,
0.5195

65.7071, 0.3133,
0.3348

50.3147, 0.3185,
0.5478

69.3379, 0.3108,
0.3116

■ 49.3568, 0.3154,
0.5704

■ 73.3668, 0.3083,
0.2912

■ 48.6491, 0.3115,
0.5859

■ 76.0732, 0.3146,
0.2881

■ 48.2558, 0.3084,
0.5933

Harmonies

Analogous

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



57.0757, 0.3715, 0.4255



57.0757, 0.3197, 0.4212



57.0757, 0.2685, 0.3840

Triad

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



57.0757, 0.3197, 0.4212



57.0757, 0.2223, 0.2516



57.0757, 0.4002, 0.3197

Complementary

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



57.0757, 0.3197, 0.4212



36.6158, 0.3015, 0.2453

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.



57.0757, 0.3535, 0.2816



57.0757, 0.3197, 0.4212



57.0757, 0.2511, 0.2433

Square

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



57.0757, 0.3197, 0.4212



57.0757, 0.2154, 0.2811



57.0757, 0.2981, 0.2544



57.0757, 0.4209, 0.3622

Rectangle

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



57.0757, 0.3197, 0.4212



57.0757, 0.2415, 0.3481



57.0757, 0.2981, 0.2544



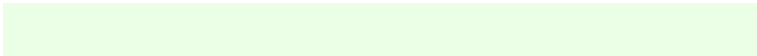
57.0757, 0.3868, 0.3061

Sweetspot

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



57.0781, 0.3197, 0.4212



94.9375, 0.3152, 0.3547



56.0487, 0.3668, 0.3922



20.1782, 0.3155, 0.3585



0.0000, 0.0000, 0.0000



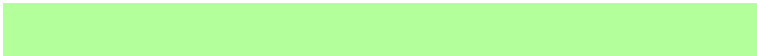
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0781, 0.3197, 0.4212



83.4421, 0.3206, 0.4442



56.1431, 0.2968, 0.3982



14.0335, 0.3150, 0.3529



29.5126, 0.3092, 0.5927



1.8182, 0.3214, 0.5830

Inverse Universe

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



36.6158, 0.3015, 0.2453



47.9923, 0.2982, 0.2267



38.0100, 0.3338, 0.2687



12.4808, 0.3101, 0.3058



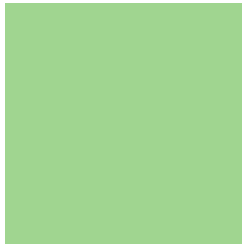
7.7789, 0.2632, 0.1223



0.5053, 0.2736, 0.1281

Previews

White Background



This preview shows how the Yxy color 57.0757, 0.3197, 0.4212 looks on a white background.

Color Contrast Check

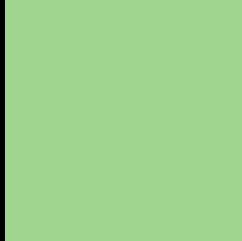
Large Text (above 18pt) WCAG AA × Fail

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 57.0757, 0.3197, 0.4212 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 57.0757, 0.3197, 0.4212

Background



This preview shows how black text looks on a background with the Yxy color 57.0757, 0.3197, 0.4212.



This preview shows how white text looks on a background with the Yxy color 57.0757, 0.3197, 0.4212.

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

57.0757, 0.3197, 0.4212

Protanopia

56.5193, 0.3719, 0.4002

Deuteranopia

56.4893, 0.3837, 0.3752



Tritanopia

56.7634, 0.2796, 0.3081

Trichromacy



Original Color

57.0757, 0.3197, 0.4212

Protanomaly

56.0747, 0.3515, 0.4078

Deuteranomaly

55.7601, 0.3589, 0.3910

Tritanomaly

56.7562, 0.2943, 0.3481

Monochromacy



Original Color

57.0757, 0.3197, 0.4212

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.8703, 0.3151, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0757, 0.3197, 0.4212 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(160, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(160, 213, 144)  
}
```

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(160, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 213, 144) }
```

Border

The CSS property to change the border of an element to Yxy 57.0757, 0.3197, 0.4212 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(160, 213, 144) }
```

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

```
.border{ border-color:rgb(160, 213, 144) }
```

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

Here you see how a box with a 4 pixel rgb(160, 213, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(160, 213,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0757, 0.3197, 0.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 213, 144) }
```

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

```
.background{ background-color: rgb(160,  
213, 144) }
```

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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