

Converting Colors

$Yxy(57.7071, 0.3232, 0.4210)$

Have a look what the booklet for
Yxy(57.7071, 0.3232, 0.4210)
contains.

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Color

Yxy(57.4946, 0.3227, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	A4D590
RGB	164, 213, 144
RGB Percent	64%, 84%, 56%
CMY	0.3567, 0.1647, 0.4353
CMYK	0.23, 0.00, 0.32, 0.16
HSL	103°, 45%, 70%
HSV	103°, 32%, 84%
XYZ	44.1435, 57.4946, 35.1561
YIQ	190.4830, -7.0550, -31.8470

Conversions

Conversions Part 2

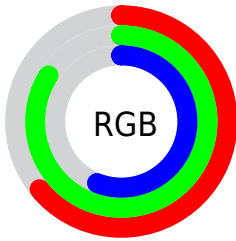
Format	Color
RYB	144, 213, 193
Decimal	10802576
CIELab	80.46, -28.55, 29.10
CIELCh	80, 40.767, 134.459
Yxy	57.4946, 0.3227, 0.4203
Android (android.graphics.Color)	4288992656 (0xFFA4D590)
YUV	190.4830, -22.9161, -23.2256
Hunter-Lab	75.8252, -28.7760, 25.5880

Details

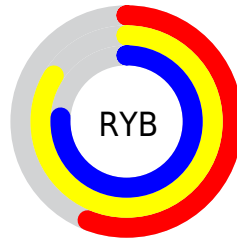
The Yxy color **57.4946, 0.3227, 0.4203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.0833, 0.2978, 0.2444**, and the grayscale version is **51.9285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8129, 0.3235, 0.3893**, and **28.6235, 0.3235, 0.4461** is the 20% darker color. If you saturate the color by 10%, you get **55.3918, 0.3247, 0.4527**, and if you desaturate by 10%, it is **59.9163, 0.3200, 0.3894**.

Distribution



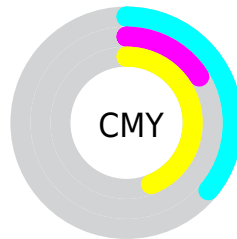
- Red (64%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)




- Cyan (36%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4946, 0.3227, 0.4203 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 57.4946, 0.3227, 0.4203 by changing the saturation by 10% instead.

 57.4946, 0.3227,
0.4203


 57.4946, 0.3227,
0.4203


415.3001, 0.3192,
0.3743

 41.4025, 0.3231,
0.4318


 101.1865, 0.3218,
0.4035

 28.6337, 0.3234,
0.4465


 129.5551, 0.3213,
0.3973

 18.8039, 0.3233,
0.4660


162.7846, 0.3209,
0.3919

 11.5287, 0.3222,
0.4929

201.2595, 0.3205,
0.3874

 6.4236, 0.3186,
0.5319

245.3640, 0.3201,
0.3835

 3.1043, 0.3138,
0.6025

295.4827, 0.3198,

 1.1864, 0.2537,

0.3800

0.7463

351.9999, 0.3194,
0.3770

■ 0.0506, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4946, 0.3227,
0.4203

■ 57.4946, 0.3227,
0.4203

■ 55.3918, 0.3247,
0.4527

■ 59.9163, 0.3200,
0.3894

■ 53.5870, 0.3257,
0.4853


■ 62.6623, 0.3169,
0.3608

■ 52.0679, 0.3255,
0.5165


■ 65.7471, 0.3135,
0.3348

■ 50.8186, 0.3238,
0.5442


■ 69.1819, 0.3101,
0.3116

 49.8212, 0.3207,
0.5665

 72.9776, 0.3067,
0.2910

 49.0552, 0.3164,
0.5821

 76.0148, 0.3144,
0.2880

 48.6064, 0.3127,
0.5899

 76.0671, 0.3146,
0.2881

Harmonies

Analogous

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



57.4946, 0.3730, 0.4228



57.4946, 0.3227, 0.4203



57.4946, 0.2721, 0.3855

Triad

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



57.4946, 0.3227, 0.4203



57.4946, 0.2230, 0.2542



57.4946, 0.3963, 0.3176

Complementary

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



57.4946, 0.3227, 0.4203



36.0833, 0.2978, 0.2444

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.



57.4946, 0.3496, 0.2806



57.4946, 0.3227, 0.4203



57.4946, 0.2502, 0.2448

Square

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



57.4946, 0.3227, 0.4203



57.4946, 0.2174, 0.2844



57.4946, 0.2955, 0.2547



57.4946, 0.4184, 0.3593

Rectangle

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



57.4946, 0.3227, 0.4203



57.4946, 0.2449, 0.3508



57.4946, 0.2955, 0.2547



57.4946, 0.3827, 0.3044

Sweetspot

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



57.4971, 0.3227, 0.4203



95.1932, 0.3161, 0.3546



53.9898, 0.3684, 0.3871



20.2397, 0.3166, 0.3584



0.0000, 0.0000, 0.0000



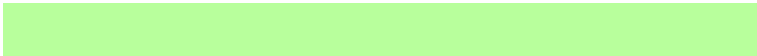
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4971, 0.3227, 0.4203



84.1484, 0.3242, 0.4429



55.9782, 0.2997, 0.4047



14.0689, 0.3159, 0.3528



29.7375, 0.3136, 0.5892



1.8358, 0.3268, 0.5787

Inverse Universe

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



36.0833, 0.2978, 0.2444



47.0346, 0.2935, 0.2253



38.2253, 0.3293, 0.2636



12.4432, 0.3092, 0.3057



7.0168, 0.2490, 0.1145



0.4646, 0.2618, 0.1216

Previews

White Background



This preview shows how the Yxy color 57.4946, 0.3227, 0.4203 looks on a white background.

Color Contrast Check

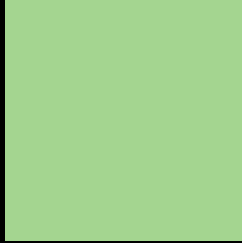
Large Text (above 18pt) WCAG AA × Fail

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 57.4946, 0.3227, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

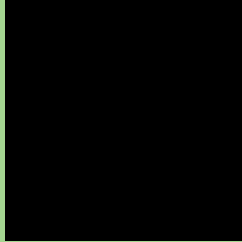
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4946, 0.3227, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 57.4946, 0.3227, 0.4203.



This preview shows how white text looks on a background with the Yxy color 57.4946, 0.3227, 0.4203.

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

57.4946, 0.3227, 0.4203

Protanopia

57.1289, 0.3723, 0.4011

Deuteranopia

57.0937, 0.3842, 0.3761



Tritanopia

57.1093, 0.2816, 0.3082

Trichromacy



Original Color

57.4946, 0.3227, 0.4203



Protanomaly

56.8149, 0.3529, 0.4085



Deuteranomaly

56.5087, 0.3603, 0.3917



Tritanomaly

57.2021, 0.2971, 0.3480

Monochromacy



Original Color

57.4946, 0.3227, 0.4203



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.2291, 0.3175, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4946, 0.3227, 0.4203 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(164, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 144) }
```

Border

The CSS property to change the border of an element to Yxy 57.4946, 0.3227, 0.4203 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(164, 213, 144) }
```

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

```
.border{ border-color:rgb(164, 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(164, 213, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4946, 0.3227, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 144) }
```

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

```
.background{ background-color: rgb(164,  
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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