

Converting Colors

$Yxy(42.9297, 0.3356, 0.4146)$

Have a look what the booklet for
Yxy(42.9297, 0.3356, 0.4146)
contains.

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Color

Yxy(42.9297, 0.3356, 0.4146)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9DB87D |
| RGB | 157, 184, 125 |
| RGB Percent | 62%, 72%, 49% |
| CMY | 0.3843, 0.2784, 0.5097 |
| CMYK | 0.15, 0.00, 0.32, 0.28 |
| HSL | 87°, 29%, 61% |
| HSV | 87°, 32%, 72% |
| XYZ | 34.7497, 42.9297, 25.8655 |
| YIQ | 169.2010, 2.8470, -24.0730 |

Conversions

Conversions Part 2

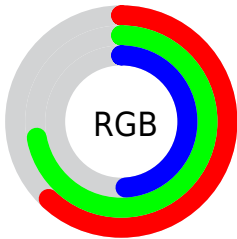
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 125, 184, 152 |
| Decimal | 10336381 |
| CIELab | 71.51, -19.66, 27.01 |
| CIElCh | 72, 33.407, 126.052 |
| Yxy | 42.9297, 0.3356, 0.4146 |
| Android (android.graphics.Color) | 4288526461 (0xFF9DB87D) |
| YUV | 169.2010, -21.7911, -10.7003 |
| Hunter-Lab | 65.5208, -19.9919, 22.4587 |

Details

The Yxy color **42.9297, 0.3356, 0.4146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.8120, 0.2827, 0.2424**, and the grayscale version is **39.8925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5316, 0.3320, 0.3980**, and **19.7439, 0.3409, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **41.6858, 0.3416, 0.4437**, and if you desaturate by 10%, it is **44.3229, 0.3288, 0.3861**.

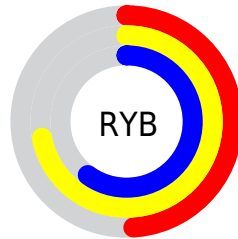
Distribution



Red (62%)

Green (72%)

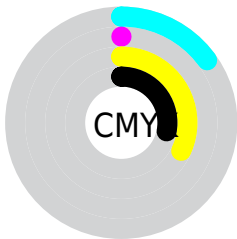
Blue (49%)



Red (49%)

Yellow (72%)

Blue (60%)

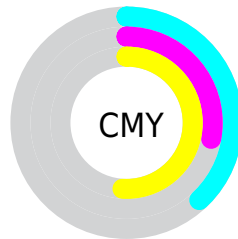


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (38%)


Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9297, 0.3356, 0.4146 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 42.9297, 0.3356, 0.4146 by changing the saturation by 10% instead.


 42.9297, 0.3356,
0.4146


 42.9297, 0.3356,
0.4146


358.3226, 0.3251,
0.3698


 29.8300, 0.3378,
0.4264


 79.6048, 0.3320,
0.3979

 19.7096, 0.3404,
0.4418


 103.9489, 0.3306,
0.3917

 12.1841, 0.3432,
0.4627


 132.8099, 0.3294,
0.3866

 6.8692, 0.3459,
0.4926

166.5722, 0.3283,
0.3822

 3.3804, 0.3477,
0.5398

205.6203, 0.3273,
0.3784

 1.3334, 0.3541,
0.6459

250.3384, 0.3265,

 0.1669, 0.0000,

0.3752

1.0000

301.1111, 0.3257,
0.3723

0.0000, 0.0000,
0.0000

42.9297, 0.3356,
0.4146

42.9297, 0.3356,
0.4146

41.6858, 0.3416,
0.4437

44.3229, 0.3288,
0.3861

40.5795, 0.3465,
0.4725

45.8653, 0.3215,
0.3591

39.6063, 0.3496,
0.4996


47.5640, 0.3142,
0.3339

38.7590, 0.3508,
0.5237

49.4240, 0.3070,
0.3108


38.0295, 0.3496,
0.5433

51.4501, 0.3000,
0.2899

 37.4085, 0.3463,
0.5578

 53.6466, 0.2934,
0.2710

 36.9784, 0.3426,
0.5662

 56.0181, 0.2872,
0.2541

 57.4087, 0.2927,
0.2544

 58.7907, 0.2990,
0.2558

Harmonies

Analogous

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



42.9297, 0.3787, 0.4098



42.9297, 0.3356, 0.4146



42.9297, 0.2884, 0.3908

Triad

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



42.9297, 0.3356, 0.4146



42.9297, 0.2274, 0.2671



42.9297, 0.3780, 0.3088

Complementary

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



42.9297, 0.3356, 0.4146



24.8120, 0.2827, 0.2424

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.



42.9297, 0.3325, 0.2770



42.9297, 0.3356, 0.4146



42.9297, 0.2471, 0.2528

Square

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



42.9297, 0.3356, 0.4146



42.9297, 0.2282, 0.3000



42.9297, 0.2845, 0.2570



42.9297, 0.4053, 0.3465

Rectangle

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



42.9297, 0.3356, 0.4146



42.9297, 0.2609, 0.3623



42.9297, 0.2845, 0.2570



42.9297, 0.3642, 0.2972

Sweetspot

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



42.9316, 0.3356, 0.4146



83.7012, 0.3202, 0.3542



33.9873, 0.3733, 0.3664



17.9550, 0.3212, 0.3578



93.3107, 0.3127, 0.3290



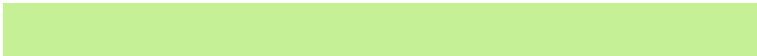
18.7317, 0.3127, 0.3290

Same Dimension

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



42.9316, 0.3356, 0.4146



76.3090, 0.3397, 0.4338



40.3497, 0.3107, 0.4215



10.2935, 0.3196, 0.3521



25.5277, 0.3434, 0.5655



0.9362, 0.3626, 0.5503

Inverse Universe

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



24.8120, 0.2827, 0.2424



38.6322, 0.2749, 0.2227



27.9649, 0.3132, 0.2499



8.9154, 0.3054, 0.3059



3.7318, 0.1957, 0.0851



0.1684, 0.2256, 0.1017

Previews

White Background



This preview shows how the Yxy color 42.9297, 0.3356, 0.4146 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 42.9297, 0.3356, 0.4146 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 42.9297, 0.3356, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 42.9297, 0.3356, 0.4146.



This preview shows how white text looks on a background with the Yxy color 42.9297, 0.3356, 0.4146.

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

42.9297, 0.3356, 0.4146

Protanopia

42.8592, 0.3720, 0.4010

Deuteranopia

42.4878, 0.3862, 0.3771



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

42.9297, 0.3356, 0.4146

Protanomaly

42.5930, 0.3584, 0.4064

Deuteranomaly

42.2645, 0.3668, 0.3893

Tritanomaly

42.7799, 0.3093, 0.3472

Monochromacy



Original Color

42.9297, 0.3356, 0.4146

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.5713, 0.3221, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9297, 0.3356, 0.4146 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(157, 184, 125)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 125)  
}
```

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(157, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 125) }
```

Border

The CSS property to change the border of an element to Yxy 42.9297, 0.3356, 0.4146 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(157, 184, 125) }
```

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

```
.border{ border-color:rgb(157, 184, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 184, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 184, 125); box-shadow:4px 4px 4px 4px rgb(157, 184, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9297, 0.3356, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 125) }
```

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

```
.background{ background-color: rgb(157,  
184, 125) }
```

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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