

Converting Colors

$Yxy(44.2888, 0.3283, 0.4322)$

Have a look what the booklet for
Yxy(44.2888, 0.3283, 0.4322)
contains.

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Color

Yxy(44.2940, 0.3284, 0.4322)

Conversions

Conversions Part 1

Format	Color
Hex	92BE78
RGB	146, 190, 120
RGB Percent	57%, 75%, 47%
CMY	0.4275, 0.2549, 0.5295
CMYK	0.23, 0.00, 0.37, 0.25
HSL	98°, 35%, 61%
HSV	98°, 37%, 75%
XYZ	33.6561, 44.2940, 24.5349
YIQ	168.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

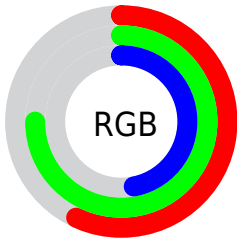
Format	Color
RYB	120, 190, 164
Decimal	9617016
CIELab	72.42, -27.41, 30.75
CIELCh	72, 41.192, 131.706
Yxy	44.2940, 0.3284, 0.4322
Android (android.graphics.Color)	4287807096 (0xFF92BE78)
YUV	168.8640, -24.0900, -20.0517
Hunter-Lab	66.5537, -26.2020, 24.7305

Details

The Yxy color **44.2940, 0.3284, 0.4322** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.0338, 0.2893, 0.2313**, and the grayscale version is **39.7277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9562, 0.3264, 0.4123**, and **20.4302, 0.3307, 0.4651** is the 20% darker color. If you saturate the color by 10%, you get **42.8419, 0.3312, 0.4636**, and if you desaturate by 10%, it is **45.9557, 0.3247, 0.4016**.

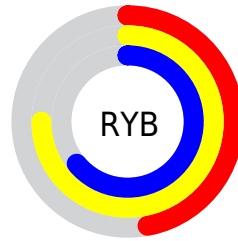
Distribution



Red (57%)

Green (75%)

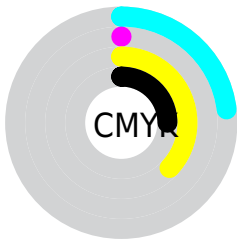
Blue (47%)



Red (47%)

Yellow (75%)

Blue (64%)

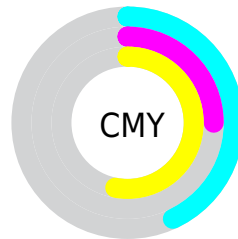


Cyan (23%)

Magenta (0%)

Yellow (37%)

Black (25%)



Cyan (43%)


Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2940, 0.3284, 0.4322 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 44.2940, 0.3284, 0.4322 by changing the saturation by 10% instead.


 44.2940, 0.3284,
0.4322


 44.2940, 0.3284,
0.4322

363.9067, 0.3221,
0.3779


 30.9017, 0.3293,
0.4465


 81.6600, 0.3266,
0.4119

 20.5240, 0.3300,
0.4652


 106.4024, 0.3257,
0.4044

 12.7765, 0.3301,
0.4907


 135.6970, 0.3250,
0.3982

 7.2748, 0.3284,
0.5270

169.9282, 0.3243,
0.3929

 3.6346, 0.3241,
0.5867

209.4804, 0.3237,
0.3883

 1.4713, 0.3026,
0.6974

254.7379, 0.3231,

 0.2684, 0.0000,

0.3844

1.0000

306.0852, 0.3226,
0.3809

0.0000, 0.0000,
0.0000

44.2940, 0.3284,
0.4322

44.2940, 0.3284,
0.4322

42.8419, 0.3312,
0.4636

45.9557, 0.3247,
0.4016

41.5848, 0.3327,
0.4945

47.8296, 0.3205,
0.3726

40.5149, 0.3327,
0.5232


49.9255, 0.3159,
0.3459

39.6215, 0.3309,
0.5479


52.2508, 0.3113,
0.3217

38.8926, 0.3274,
0.5670


54.8126, 0.3067,
0.2999


 38.3131, 0.3224,
0.5800

 57.6175, 0.3022,
0.2806

 38.1548, 0.3209,
0.5834

 60.6720, 0.2980,
0.2634

 62.8404, 0.3055,
0.2633

 65.0167, 0.3145,
0.2651

Harmonies

Analogous

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



44.2940, 0.3829, 0.4306



44.2940, 0.3284, 0.4322



44.2940, 0.2724, 0.3966

Triad

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



44.2940, 0.3284, 0.4322



44.2940, 0.2133, 0.2489



44.2940, 0.4011, 0.3120

Complementary

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



44.2940, 0.3284, 0.4322



25.0338, 0.2893, 0.2313

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.



44.2940, 0.3477, 0.2729



44.2940, 0.3284, 0.4322



44.2940, 0.2406, 0.2372

Square

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



44.2940, 0.3284, 0.4322



44.2940, 0.2094, 0.2836



44.2940, 0.2883, 0.2463



44.2940, 0.4284, 0.3571

Rectangle

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



44.2940, 0.3284, 0.4322



44.2940, 0.2418, 0.3584



44.2940, 0.2883, 0.2463



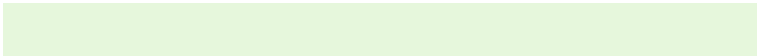
44.2940, 0.3853, 0.2980

Sweetspot

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



44.2959, 0.3284, 0.4322



88.7756, 0.3179, 0.3571



38.5542, 0.3793, 0.3874



19.3799, 0.3185, 0.3608



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.2959, 0.3284, 0.4322



78.1653, 0.3307, 0.4569



42.3828, 0.3021, 0.4259



10.8177, 0.3171, 0.3523



25.4103, 0.3218, 0.5827



1.0329, 0.3417, 0.5669

Inverse Universe

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



25.0338, 0.2893, 0.2313



38.3135, 0.2826, 0.2094



27.7443, 0.3256, 0.2483



9.5143, 0.3080, 0.3060



5.1439, 0.2305, 0.1044



0.2376, 0.2525, 0.1164

Previews

White Background



This preview shows how the Yxy color 44.2940, 0.3284, 0.4322 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 44.2940, 0.3284, 0.4322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

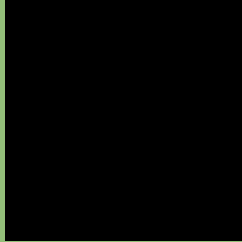
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2940, 0.3284, 0.4322

Background



This preview shows how black text looks on a background with the Yxy color 44.2940, 0.3284, 0.4322.



This preview shows how white text looks on a background with the Yxy color 44.2940, 0.3284, 0.4322.

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

44.2940, 0.3284, 0.4322

Protanopia

44.0195, 0.3800, 0.4099

Deuteranopia

44.0790, 0.3923, 0.3848



Tritanopia

44.2570, 0.2835, 0.3100

Trichromacy



Original Color

44.2940, 0.3284, 0.4322

Protanomaly

43.9704, 0.3599, 0.4182

Deuteranomaly

43.4391, 0.3676, 0.4013

Tritanomaly

43.9782, 0.3001, 0.3516

Monochromacy



Original Color

44.2940, 0.3284, 0.4322

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.2557, 0.3198, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2940, 0.3284, 0.4322 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(146, 190, 120)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 120)  
}
```

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(146, 190, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 120) }
```

Border

The CSS property to change the border of an element to Yxy 44.2940, 0.3284, 0.4322 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(146, 190, 120) }
```

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

```
.border{ border-color:rgb(146, 190, 120) }
```

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

Here you see how a box with a 4 pixel rgb(146, 190, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 120);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2940, 0.3284, 0.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 120) }
```

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

```
.background{ background-color: rgb(146,  
190, 120) }
```

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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