

Converting Colors

$Yxy(42.7506, 0.3435, 0.4112)$

Have a look what the booklet for
Yxy(42.7506, 0.3435, 0.4112)
contains.

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Color

Yxy(42.8036, 0.3433, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	A4B67C
RGB	164, 182, 124
RGB Percent	64%, 71%, 49%
CMY	0.3568, 0.2863, 0.5139
CMYK	0.10, 0.00, 0.32, 0.29
HSL	79°, 28%, 60%
HSV	79°, 32%, 71%
XYZ	35.6749, 42.8036, 25.4390
YIQ	170.0060, 7.8900, -21.8540

Conversions

Conversions Part 2

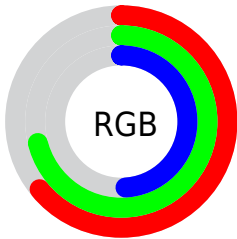
Format	Color
RYB	124, 182, 142
Decimal	10794620
CIELab	71.42, -16.15, 27.55
CIELCh	71, 31.929, 120.376
Yxy	42.8036, 0.3433, 0.4119
Android (android.graphics.Color)	4288984700 (0xFFA4B67C)
YUV	170.0060, -22.6810, -5.2673
Hunter-Lab	65.4245, -17.1597, 22.7434

Details

The Yxy color **42.8036, 0.3433, 0.4119** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.5326, 0.2742, 0.2408**, and the grayscale version is **40.3137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5390, 0.3386, 0.3959**, and **19.5744, 0.3503, 0.4384** is the 20% darker color. If you saturate the color by 10%, you get **41.7995, 0.3519, 0.4392**, and if you desaturate by 10%, it is **43.9231, 0.3339, 0.3847**.

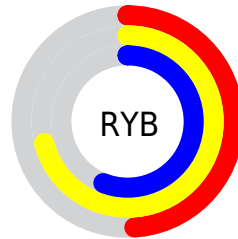
Distribution



Red (64%)

Green (71%)

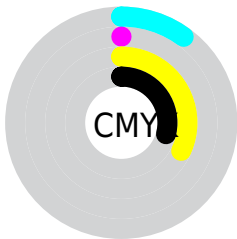
Blue (49%)



Red (49%)

Yellow (71%)

Blue (56%)

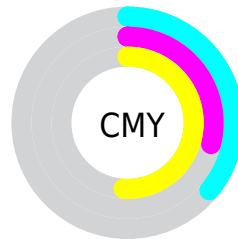


Cyan (10%)

Magenta (0%)

Yellow (32%)

Black (29%)



Cyan (36%)


Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8036, 0.3433, 0.4119 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 42.8036, 0.3433, 0.4119 by changing the saturation by 10% instead.


 42.8036, 0.3433,
0.4119


 42.8036, 0.3433,
0.4119

357.8035, 0.3287,
0.3687

 29.7310, 0.3466,
0.4231


 79.4144, 0.3382,
0.3959

 19.6345, 0.3505,
0.4377


 103.7214, 0.3363,
0.3899

 12.1297, 0.3552,
0.4575


 132.5421, 0.3346,
0.3850

 6.8320, 0.3605,
0.4854

166.2608, 0.3331,
0.3808

 3.3573, 0.3668,
0.5296

205.2618, 0.3318,
0.3771

 1.3210, 0.3794,
0.6206

249.9297, 0.3307,

 0.1574, 0.0000,

0.3740

1.0000

300.6488, 0.3297,
0.3712

0.0000, 0.0000,
0.0000

42.8036, 0.3433,
0.4119

42.8036, 0.3433,
0.4119

41.7995, 0.3519,
0.4392

43.9231, 0.3339,
0.3847

40.9001, 0.3593,
0.4657

45.1571, 0.3242,
0.3584

40.1019, 0.3650,
0.4901


46.5117, 0.3145,
0.3335


39.3987, 0.3684,
0.5114


47.9911, 0.3051,
0.3104


38.7836, 0.3695,
0.5284

49.5991, 0.2960,
0.2891

 38.2485, 0.3681,
0.5407

 51.3395, 0.2875,
0.2698

 37.8601, 0.3657,
0.5479

 53.2159, 0.2796,
0.2523

 54.2571, 0.2814,
0.2498

 55.0960, 0.2855,
0.2507

Harmonies

Analogous

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



42.8036, 0.3823, 0.4029



42.8036, 0.3433, 0.4119



42.8036, 0.2978, 0.3942

Triad

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



42.8036, 0.3433, 0.4119



42.8036, 0.2294, 0.2744



42.8036, 0.3679, 0.3033

Complementary

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



42.8036, 0.3433, 0.4119



23.5326, 0.2742, 0.2408

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.



42.8036, 0.3228, 0.2744



42.8036, 0.3433, 0.4119



42.8036, 0.2448, 0.2571

Square

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



42.8036, 0.3433, 0.4119



42.8036, 0.2340, 0.3092



42.8036, 0.2779, 0.2578



42.8036, 0.3982, 0.3390

Rectangle

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



42.8036, 0.3433, 0.4119



42.8036, 0.2701, 0.3692



42.8036, 0.2779, 0.2578



42.8036, 0.3538, 0.2926

Sweetspot

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



42.8055, 0.3433, 0.4119



82.2706, 0.3225, 0.3540



30.5617, 0.3766, 0.3541



18.0978, 0.3239, 0.3576



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.



42.8055, 0.3433, 0.4119



76.3475, 0.3492, 0.4304



40.1111, 0.3180, 0.4189



10.3599, 0.3217, 0.3519



26.7711, 0.3663, 0.5474



0.9749, 0.3805, 0.5361

Inverse Universe

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



23.5326, 0.2742, 0.2408



36.1128, 0.2640, 0.2196



26.3752, 0.3039, 0.2480



8.8510, 0.3031, 0.3057



3.0194, 0.1726, 0.0725



0.1402, 0.2031, 0.0892

Previews

White Background



This preview shows how the Yxy color 42.8036, 0.3433, 0.4119 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 42.8036, 0.3433, 0.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

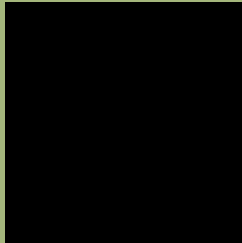
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

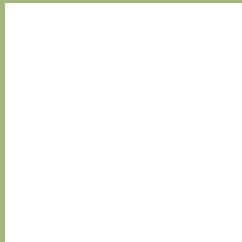
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8036, 0.3433, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 42.8036, 0.3433, 0.4119.



This preview shows how white text looks on a background with the Yxy color 42.8036, 0.3433, 0.4119.

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

42.8036, 0.3433, 0.4119

Protanopia

42.8592, 0.3720, 0.4010

Deuteranopia

42.4351, 0.3880, 0.3796



Tritanopia

42.7872, 0.3006, 0.3103

Trichromacy



Original Color

42.8036, 0.3433, 0.4119

Protanomaly

42.9492, 0.3613, 0.4056

Deuteranomaly

42.0878, 0.3709, 0.3903

Tritanomaly

42.7069, 0.3163, 0.3456

Monochromacy



Original Color

42.8036, 0.3433, 0.4119

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8968, 0.3248, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8036, 0.3433, 0.4119 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, 182, 124)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 124)  
}
```

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, 182, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 124) }
```

Border

The CSS property to change the border of an element to Yxy 42.8036, 0.3433, 0.4119 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, 182, 124) }
```

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

```
.border{ border-color:rgb(164, 182, 124) }
```

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

Here you see how a box with a 4 pixel rgb(164, 182, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 124);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8036, 0.3433, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 124) }
```

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

```
.background{ background-color: rgb(164,  
182, 124) }
```

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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