

Converting Colors

$Yxy(42.5416, 0.3171, 0.3722)$

Have a look what the booklet for
Yxy(42.5416, 0.3171, 0.3722)
contains.

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Color

Yxy(42.5512, 0.3167, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	9EB597
RGB	158, 181, 151
RGB Percent	62%, 71%, 59%
CMY	0.3803, 0.2902, 0.4078
CMYK	0.13, 0.00, 0.17, 0.29
HSL	106°, 17%, 65%
HSV	106°, 17%, 71%
XYZ	36.2160, 42.5512, 35.5870
YIQ	170.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

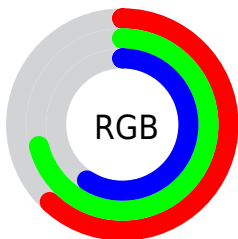
Format	Color
RYB	151, 181, 174
Decimal	10401175
CIELab	71.25, -13.59, 12.66
CIELCh	71, 18.575, 137.017
Yxy	42.5512, 0.3167, 0.3721
Android (android.graphics.Color)	4288591255 (0xFF9EB597)
YUV	170.7030, -9.7136, -11.1405
Hunter-Lab	65.2313, -15.0527, 13.3161

Details

The Yxy color **42.5512, 0.3167, 0.3721** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4685, 0.3078, 0.2878**, and the grayscale version is **40.6231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1223, 0.3164, 0.3642**, and **19.4226, 0.3170, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **40.6817, 0.3188, 0.4017**, and if you desaturate by 10%, it is **44.6732, 0.3143, 0.3452**.

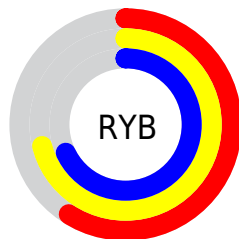
Distribution



Red (62%)

Green (71%)

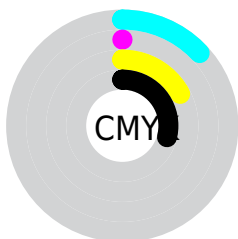
Blue (59%)



Red (59%)

Yellow (71%)

Blue (68%)

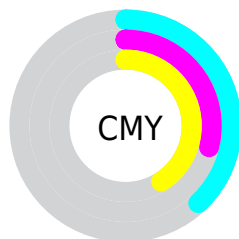


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (29%)



Cyan (38%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5512, 0.3167, 0.3721 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 42.5512, 0.3167, 0.3721 by changing the saturation by 10% instead.


 42.5512, 0.3167,
0.3721


 42.5512, 0.3167,
0.3721


356.7628, 0.3150,
0.3497

 29.5331, 0.3170,
0.3780

 79.0332, 0.3161,
0.3637

 19.4845, 0.3174,
0.3857


 103.2659, 0.3159,
0.3607

 12.0209, 0.3178,
0.3963


132.0055, 0.3157,
0.3581

 6.7579, 0.3181,
0.4118

165.6366, 0.3155,
0.3559

 3.3112, 0.3180,
0.4362

204.5435, 0.3153,
0.3540

 1.2963, 0.3253,
0.4950

249.1106, 0.3152,

 0.1383, 0.0000,

0.3524

1.0000

299.7222, 0.3151,
0.3510

0.0000, 0.0000,
0.0000

42.5512, 0.3167,
0.3721

42.5512, 0.3167,
0.3721

40.6817, 0.3188,
0.4017

44.6732, 0.3143,
0.3452

39.0499, 0.3204,
0.4335

47.0510, 0.3119,
0.3210

37.6476, 0.3212,
0.4664

49.6948, 0.3093,
0.2997

36.4642, 0.3212,
0.4991

52.6127, 0.3068,
0.2809

35.4881, 0.3201,
0.5297

55.8124, 0.3044,
0.2644

■ 34.7066, 0.3178,
0.5559

■ 59.0007, 0.3054,
0.2541

■ 34.1055, 0.3144,
0.5761

■ 61.5256, 0.3161,
0.2565

■ 33.6673, 0.3104,
0.5891

■ 33.5462, 0.3091,
0.5928

Harmonies

Analogous

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



42.5512, 0.3425, 0.3764



42.5512, 0.3167, 0.3721



42.5512, 0.2906, 0.3546

Triad

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



42.5512, 0.3167, 0.3721



42.5512, 0.2664, 0.2898



42.5512, 0.3560, 0.3261

Complementary

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



42.5512, 0.3167, 0.3721



34.4685, 0.3078, 0.2878

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.



42.5512, 0.3340, 0.3052



42.5512, 0.3167, 0.3721



42.5512, 0.2824, 0.2846

Square

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



42.5512, 0.3167, 0.3721



42.5512, 0.2624, 0.3059



42.5512, 0.3069, 0.2903



42.5512, 0.3659, 0.3485

Rectangle

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



42.5512, 0.3167, 0.3721



42.5512, 0.2765, 0.3383



42.5512, 0.3069, 0.2903



42.5512, 0.3497, 0.3187

Sweetspot

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



42.5530, 0.3167, 0.3721



80.6156, 0.3140, 0.3414



42.1368, 0.3387, 0.3597



17.3630, 0.3142, 0.3431



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5530, 0.3167, 0.3721



74.9020, 0.3175, 0.3830



42.1122, 0.3049, 0.3616



9.5830, 0.3150, 0.3523



23.1546, 0.3098, 0.5922



0.7554, 0.3303, 0.5760

Inverse Universe

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



34.4685, 0.3078, 0.2878



57.5899, 0.3064, 0.2780



34.9967, 0.3216, 0.2984



8.5444, 0.3101, 0.3063



6.0931, 0.2631, 0.1223



0.2162, 0.2801, 0.1317

Previews

White Background



This preview shows how the Yxy color 42.5512, 0.3167, 0.3721 looks on a white background.

Color Contrast Check

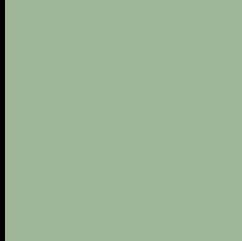
Large Text (above 18pt) WCAG AA × Fail

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 42.5512, 0.3167, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

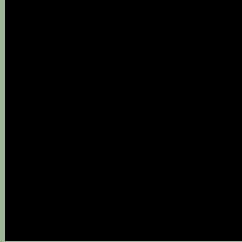
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5512, 0.3167, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 42.5512, 0.3167, 0.3721.



This preview shows how white text looks on a background with the Yxy color 42.5512, 0.3167, 0.3721.

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

42.5512, 0.3167, 0.3721

Protanopia

42.4460, 0.3440, 0.3657

Deuteranopia

42.3441, 0.3536, 0.3473



Tritanopia

42.6609, 0.2916, 0.3100

Trichromacy



Original Color

42.5512, 0.3167, 0.3721

Protanomaly

42.5811, 0.3341, 0.3693

Deuteranomaly

42.2543, 0.3390, 0.3561

Tritanomaly

42.6568, 0.3006, 0.3317

Monochromacy



Original Color

42.5512, 0.3167, 0.3721

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4473, 0.3138, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5512, 0.3167, 0.3721 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(158, 181, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 151)  
}
```

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(158, 181, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.5512, 0.3167, 0.3721 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(158, 181, 151) }
```

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

```
.border{ border-color:rgb(158, 181, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 181, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 181, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 181, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 181,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5512, 0.3167, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 151) }
```

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

```
.background{ background-color: rgb(158,  
181, 151) }
```

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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