

Converting Colors

$Yxy(34.0901, 0.3481, 0.4468)$

Have a look what the booklet for
Yxy(34.0901, 0.3481, 0.4468)
contains.

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Color

Yxy(33.9167, 0.3485, 0.4471)

Conversions

Conversions Part 1

Format	Color
Hex	8BA75D
RGB	139, 167, 93
RGB Percent	55%, 65%, 36%
CMY	0.4550, 0.3450, 0.6353
CMYK	0.17, 0.00, 0.44, 0.35
HSL	83°, 30%, 51%
HSV	83°, 44%, 65%
XYZ	26.4370, 33.9167, 15.5056
YIQ	150.1920, 7.0660, -28.9500

Conversions

Conversions Part 2

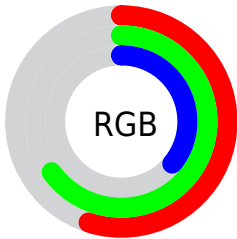
Format	Color
RYB	93, 167, 121
Decimal	9152349
CIELab	64.90, -22.31, 35.04
CIElCh	65, 41.534, 122.487
Yxy	33.9167, 0.3485, 0.4471
Android (android.graphics.Color)	4287342429 (0xFF8BA75D)
YUV	150.1920, -28.1957, -9.8154
Hunter-Lab	58.2380, -20.8871, 24.9809

Details

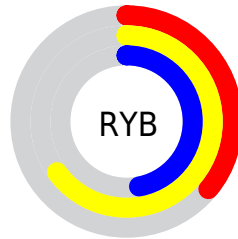
The Yxy color **33.9167, 0.3485, 0.4471** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6845, 0.2613, 0.2043**, and the grayscale version is **30.7024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7562, 0.3430, 0.4218**, and **14.4696, 0.3552, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **33.1250, 0.3543, 0.4742**, and if you desaturate by 10%, it is **34.8076, 0.3414, 0.4192**.

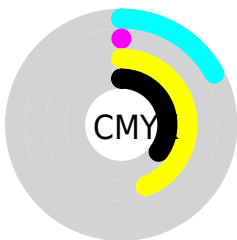
Distribution



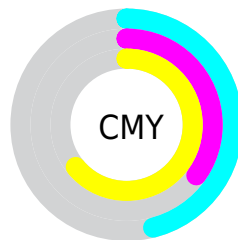
- Red (55%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)





- Cyan (46%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9167, 0.3485, 0.4471 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 33.9167, 0.3485, 0.4471 by changing the saturation by 10% instead.


 33.9167, 0.3485,
0.4471


 33.9167, 0.3485,
0.4471


319.7605, 0.3319,
0.3829


 22.8296, 0.3518,
0.4646


 65.8041, 0.3430,
0.4226


 14.4677, 0.3551,
0.4877


 87.3732, 0.3407,
0.4138

 8.4467, 0.3579,
0.5195

 113.2051, 0.3388,
0.4064

 4.3821, 0.3600,
0.5684

 143.6842, 0.3371,
0.4002

 1.8895, 0.3542,
0.6458

179.1949, 0.3355,
0.3950

 0.5421, 0.0000,
1.0000

220.1216, 0.3342,

 0.0000, 0.0000,

0.3904

0.0000

266.8486, 0.3330,
0.3864

■ 33.9167, 0.3485,
0.4471

■ 33.9167, 0.3485,
0.4471

■ 33.1250, 0.3543,
0.4742

■ 34.8076, 0.3414,
0.4192

■ 32.4231, 0.3584,
0.4992

■ 35.7975, 0.3334,
0.3914

■ 31.8074, 0.3603,
0.5209


■ 36.8921, 0.3249,
0.3646

■ 31.2717, 0.3598,
0.5383


■ 38.0951, 0.3164,
0.3394

■ 30.8089, 0.3570,
0.5506


■ 39.4101, 0.3080,
0.3159

 30.5692, 0.3549,
0.5564

 40.8405, 0.2999,
0.2945

 42.3896, 0.2922,
0.2750

 44.0605, 0.2849,
0.2575

 45.8562, 0.2782,
0.2417

Harmonies

Analogous

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



33.9167, 0.4045, 0.4323



33.9167, 0.3485, 0.4471



33.9167, 0.2859, 0.4205

Triad

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



33.9167, 0.3485, 0.4471



33.9167, 0.2004, 0.2499



33.9167, 0.3941, 0.2959

Complementary

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



33.9167, 0.3485, 0.4471



14.6845, 0.2613, 0.2043

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.



33.9167, 0.3305, 0.2572



33.9167, 0.3485, 0.4471



33.9167, 0.2222, 0.2302

Square

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



33.9167, 0.3485, 0.4471



33.9167, 0.2040, 0.2949



33.9167, 0.2676, 0.2338



33.9167, 0.4350, 0.3434

Rectangle

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



33.9167, 0.3485, 0.4471



33.9167, 0.2490, 0.3819



33.9167, 0.2676, 0.2338



33.9167, 0.3743, 0.2817

Sweetspot

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



33.9182, 0.3485, 0.4471



66.2848, 0.3240, 0.3618



22.4712, 0.4073, 0.3714



14.7348, 0.3258, 0.3674



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.9182, 0.3485, 0.4471



59.3633, 0.3541, 0.4732



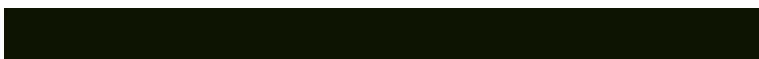
31.3074, 0.3145, 0.4607



8.6297, 0.3206, 0.3517



23.4165, 0.3555, 0.5559



0.5976, 0.3772, 0.5387

Inverse Universe

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



14.6845, 0.2613, 0.2043



20.5306, 0.2468, 0.1748



17.7994, 0.3053, 0.2189



7.4339, 0.3043, 0.3061



2.9769, 0.1828, 0.0781



0.1018, 0.2229, 0.1001

Previews

White Background



This preview shows how the Yxy color 33.9167, 0.3485, 0.4471 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 33.9167, 0.3485, 0.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

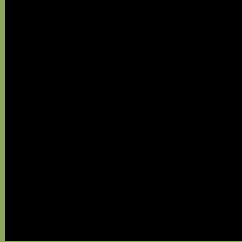
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9167, 0.3485, 0.4471

Background



This preview shows how black text looks on a background with the Yxy color 33.9167, 0.3485, 0.4471.



This preview shows how white text looks on a background with the Yxy color 33.9167, 0.3485, 0.4471.

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

33.9167, 0.3485, 0.4471

Protanopia

33.6059, 0.3918, 0.4265

Deuteranopia

33.6229, 0.4087, 0.4007



Tritanopia

33.7836, 0.2930, 0.3096

Trichromacy



Original Color

33.9167, 0.3485, 0.4471

Protanomaly

33.7015, 0.3756, 0.4352

Deuteranomaly

33.2794, 0.3852, 0.4163

Tritanomaly

33.4927, 0.3133, 0.3572

Monochromacy



Original Color

33.9167, 0.3485, 0.4471

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.4729, 0.3276, 0.3722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9167, 0.3485, 0.4471 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(139, 167, 93)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 93)  
}
```

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(139, 167, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 93) }
```

Border

The CSS property to change the border of an element to Yxy 33.9167, 0.3485, 0.4471 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(139, 167, 93) }
```

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

```
.border{ border-color:rgb(139, 167, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 93);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9167, 0.3485, 0.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 93) }
```

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

```
.background{ background-color: rgb(139,  
167, 93) }
```

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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