

Converting Colors

$Y_{xy}(35.7696, 0.3289, 0.3945)$

Have a look what the booklet for
Yxy(35.7696, 0.3289, 0.3945)
contains.

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Color

Yxy(35.7147, 0.3290, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	93A87E
RGB	147, 168, 126
RGB Percent	58%, 66%, 49%
CMY	0.4236, 0.3412, 0.5059
CMYK	0.13, 0.00, 0.25, 0.34
HSL	90°, 19%, 58%
HSV	90°, 25%, 66%
XYZ	29.8000, 35.7147, 25.0628
YIQ	156.9330, 0.9660, -17.5140

Conversions

Conversions Part 2

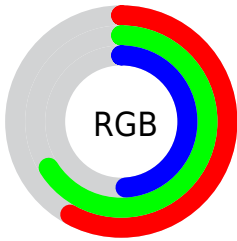
Format	Color
R_{YB}	126, 168, 147
Decimal	9676926
CIE _{Lab}	66.30, -15.07, 19.33
CIE _{LCh}	66, 24.511, 127.949
Y _{xy}	35.7147, 0.3290, 0.3943
Android (android.graphics.Color)	4287867006 (0xFF93A87E)
YUV	156.9330, -15.2500, -8.7112
Hunter-Lab	59.7618, -15.5747, 16.9683

Details

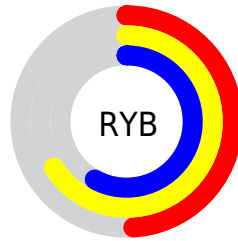
The Yxy color **35.7147, 0.3290, 0.3943** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.9553, 0.2926, 0.2638**, and the grayscale version is **33.7549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4475, 0.3259, 0.3806**, and **15.5134, 0.3328, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **34.5694, 0.3349, 0.4232**, and if you desaturate by 10%, it is **36.9928, 0.3226, 0.3667**.

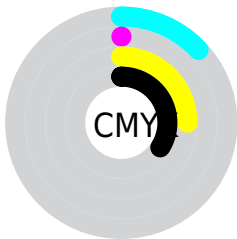
Distribution



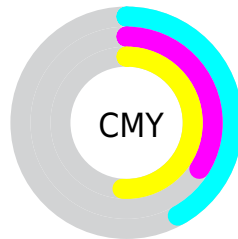
- Red (58%)
- Green (66%)
- Blue (49%)



- Red (49%)
- Yellow (66%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7147, 0.3290, 0.3943 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 35.7147, 0.3290, 0.3943 by changing the saturation by 10% instead.


 35.7147, 0.3290,
0.3943


 35.7147, 0.3290,
0.3943


327.7118, 0.3211,
0.3592


 24.2139, 0.3308,
0.4039


 68.5915, 0.3262,
0.3810

 15.4924, 0.3331,
0.4167


 90.7363, 0.3251,
0.3761

 9.1657, 0.3357,
0.4347


 117.1979, 0.3242,
0.3721

 4.8494, 0.3387,
0.4617

148.3607, 0.3234,
0.3687

 2.1592, 0.3442,
0.5107

184.6091, 0.3227,
0.3659

 0.6976, 0.2973,
0.7027

226.3275, 0.3221,

 0.0000, 0.0000,

0.3634

0.0000

273.9003, 0.3216,
0.3612

■ 35.7147, 0.3290,
0.3943

■ 35.7147, 0.3290,
0.3943

■ 34.5694, 0.3349,
0.4232

■ 36.9928, 0.3226,
0.3667

■ 33.5473, 0.3399,
0.4527

■ 38.4035, 0.3160,
0.3411

■ 32.6448, 0.3436,
0.4817

■ 39.9527, 0.3094,
0.3175

■ 31.8563, 0.3457,
0.5087

■ 41.6445, 0.3031,
0.2961

■ 31.1755, 0.3457,
0.5324

■ 43.4828, 0.2970,
0.2769

■ 30.5955, 0.3435,
0.5514

■ 45.4714, 0.2912,
0.2597

■ 30.1078, 0.3394,
0.5649

■ 47.6138, 0.2858,
0.2444

■ 29.8898, 0.3370,
0.5706

■ 49.5601, 0.2844,
0.2355

■ 50.8597, 0.2910,
0.2372

Harmonies

Analogous

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



35.7147, 0.3631, 0.3931



35.7147, 0.3290, 0.3943



35.7147, 0.2919, 0.3746

Triad

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



35.7147, 0.3290, 0.3943



35.7147, 0.2455, 0.2795



35.7147, 0.3655, 0.3153

Complementary

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



35.7147, 0.3290, 0.3943



23.9553, 0.2926, 0.2638

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.



35.7147, 0.3310, 0.2890



35.7147, 0.3290, 0.3943



35.7147, 0.2624, 0.2683

Square

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



35.7147, 0.3290, 0.3943



35.7147, 0.2451, 0.3051



35.7147, 0.2931, 0.2722



35.7147, 0.3854, 0.3458

Rectangle

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



35.7147, 0.3290, 0.3943



35.7147, 0.2704, 0.3527



35.7147, 0.2931, 0.2722



35.7147, 0.3551, 0.3058

Sweetspot

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



35.7163, 0.3290, 0.3943



69.1174, 0.3174, 0.3464



30.7012, 0.3566, 0.3607



15.0328, 0.3178, 0.3478



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.



35.7163, 0.3290, 0.3943



63.6234, 0.3324, 0.4102



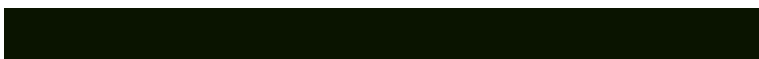
33.9501, 0.3095, 0.3983



8.5849, 0.3188, 0.3518



22.6002, 0.3377, 0.5700



0.5803, 0.3641, 0.5491

Inverse Universe

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



23.9553, 0.2926, 0.2638



38.5730, 0.2871, 0.2480



26.0759, 0.3156, 0.2682



7.4780, 0.3061, 0.3062



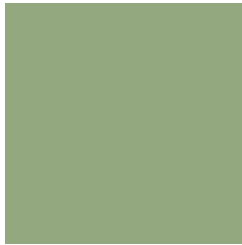
3.5909, 0.2041, 0.0898



0.1178, 0.2418, 0.1106

Previews

White Background



This preview shows how the Yxy color 35.7147, 0.3290, 0.3943 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 35.7147, 0.3290, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

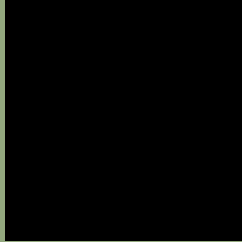
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7147, 0.3290, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 35.7147, 0.3290, 0.3943.



This preview shows how white text looks on a background with the Yxy color 35.7147, 0.3290, 0.3943.

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

35.7147, 0.3290, 0.3943

Protanopia

35.6905, 0.3588, 0.3842

Deuteranopia

35.5925, 0.3710, 0.3650



Tritanopia

35.7667, 0.2951, 0.3115

Trichromacy



Original Color

35.7147, 0.3290, 0.3943

Protanomaly

35.7927, 0.3476, 0.3886

Deuteranomaly

35.4708, 0.3545, 0.3755

Tritanomaly

35.5645, 0.3066, 0.3395

Monochromacy



Original Color

35.7147, 0.3290, 0.3943

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3374, 0.3184, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7147, 0.3290, 0.3943 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(147, 168, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 168, 126)  
}
```

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(147, 168, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 168, 126) }
```

Border

The CSS property to change the border of an element to Yxy 35.7147, 0.3290, 0.3943 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(147, 168, 126) }
```

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

```
.border{ border-color:rgb(147, 168, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 168, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 168, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 168, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 168,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7147, 0.3290, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 168, 126) }
```

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

```
.background{ background-color: rgb(147,  
168, 126) }
```

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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