

Converting Colors

$Yxy(35.7225, 0.3341, 0.3954)$

Have a look what the booklet for
Yxy(35.7225, 0.3341, 0.3954)
contains.

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Color

Yxy(35.5767, 0.3339, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	96A77C
RGB	150, 167, 124
RGB Percent	59%, 65%, 49%
CMY	0.4117, 0.3451, 0.5139
CMYK	0.10, 0.00, 0.26, 0.35
HSL	84°, 20%, 57%
HSV	84°, 26%, 65%
XYZ	30.0356, 35.5767, 24.3415
YIQ	157.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

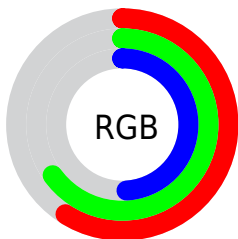
Format	Color
RYB	124, 167, 141
Decimal	9873276
CIELab	66.20, -13.72, 20.33
CIELCh	66, 24.530, 124.016
Yxy	35.5767, 0.3339, 0.3955
Android (android.graphics.Color)	4288063356 (0xFF96A77C)
YUV	157.0150, -16.2764, -6.1522
Hunter-Lab	59.6462, -14.4951, 17.5562

Details

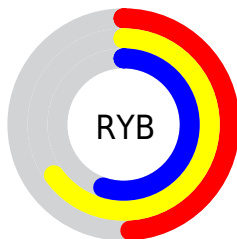
The Yxy color $35.5767, 0.3339, 0.3955$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.8554, 0.2870, 0.2607$, and the grayscale version is $33.7984, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.2542, 0.3296, 0.3816$, and $15.4221, 0.3396, 0.4175$ is the 20% darker color. If you saturate the color by 10%, you get $34.5832, 0.3415, 0.4235$, and if you desaturate by 10%, it is $36.6800, 0.3258, 0.3685$.

Distribution



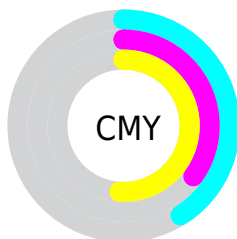
- Red (59%)
- Green (65%)
- Blue (49%)



- Red (49%)
- Yellow (65%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)




- Cyan (41%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5767, 0.3339, 0.3955 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 35.5767, 0.3339, 0.3955 by changing the saturation by 10% instead.


 35.5767, 0.3339,
0.3955


 35.5767, 0.3339,
0.3955


327.1066, 0.3234,
0.3599


 24.1075, 0.3364,
0.4052


 68.3782, 0.3302,
0.3820

 15.4133, 0.3395,
0.4182


 90.4793, 0.3287,
0.3771

 9.1100, 0.3434,
0.4363


 116.8930, 0.3275,
0.3730

 4.8130, 0.3480,
0.4633

148.0039, 0.3265,
0.3695

 2.1380, 0.3578,
0.5145

184.1963, 0.3256,
0.3666

 0.6858, 0.3160,
0.6840

225.8547, 0.3248,

 0.0000, 0.0000,

0.3640

0.0000

273.3633, 0.3240,
0.3618

■ 35.5767, 0.3339,
0.3955

■ 35.5767, 0.3339,
0.3955

■ 34.5832, 0.3415,
0.4235

■ 36.6800, 0.3258,
0.3685

■ 33.6907, 0.3482,
0.4516

■ 37.8924, 0.3175,
0.3429

■ 32.8963, 0.3536,
0.4787

■ 39.2191, 0.3093,
0.3192

■ 32.1949, 0.3571,
0.5036

■ 40.6636, 0.3013,
0.2975

■ 31.5812, 0.3584,
0.5251

■ 42.2292, 0.2938,
0.2778

■ 31.0489, 0.3574,
0.5420

■ 43.9191, 0.2867,
0.2600

■ 30.5900, 0.3541,
0.5540

■ 45.7364, 0.2801,
0.2441

■ 30.4106, 0.3525,
0.5583

■ 47.5175, 0.2756,
0.2321

■ 48.4609, 0.2806,
0.2334

Harmonies

Analogous

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



35.5767, 0.3669, 0.3916



35.5767, 0.3339, 0.3955



35.5767, 0.2965, 0.3783

Triad

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



35.5767, 0.3339, 0.3955



35.5767, 0.2443, 0.2819



35.5767, 0.3617, 0.3114

Complementary

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



35.5767, 0.3339, 0.3955



22.8554, 0.2870, 0.2607

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.



35.5767, 0.3260, 0.2861



35.5767, 0.3339, 0.3955



35.5767, 0.2592, 0.2688

Square

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



35.5767, 0.3339, 0.3955



35.5767, 0.2462, 0.3093



35.5767, 0.2884, 0.2708



35.5767, 0.3841, 0.3418

Rectangle

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



35.5767, 0.3339, 0.3955



35.5767, 0.2742, 0.3574



35.5767, 0.2884, 0.2708



35.5767, 0.3507, 0.3022

Sweetspot

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



35.5783, 0.3339, 0.3955



67.3276, 0.3194, 0.3488



28.5620, 0.3599, 0.3543



14.9942, 0.3207, 0.3525



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.



35.5783, 0.3339, 0.3955



62.6624, 0.3384, 0.4116



33.7585, 0.3139, 0.3998



8.6239, 0.3204, 0.3517



23.2992, 0.3531, 0.5579



0.5953, 0.3755, 0.5401

Inverse Universe

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



22.8554, 0.2870, 0.2607



35.9068, 0.2799, 0.2436



24.8766, 0.3100, 0.2653



7.4395, 0.3045, 0.3061



3.0453, 0.1853, 0.0794



0.1039, 0.2254, 0.1015

Previews

White Background



This preview shows how the Yxy color 35.5767, 0.3339, 0.3955 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 35.5767, 0.3339, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

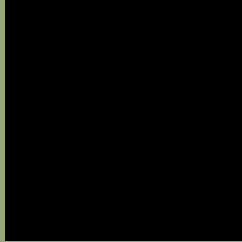
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5767, 0.3339, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 35.5767, 0.3339, 0.3955.



This preview shows how white text looks on a background with the Yxy color 35.5767, 0.3339, 0.3955.

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

35.5767, 0.3339, 0.3955

Protanopia

35.2927, 0.3611, 0.3858

Deuteranopia

35.3349, 0.3745, 0.3663



Tritanopia

35.6750, 0.2987, 0.3116

Trichromacy



Original Color

35.5767, 0.3339, 0.3955

Protanomaly

35.4920, 0.3508, 0.3901

Deuteranomaly

35.3013, 0.3588, 0.3767

Tritanomaly

35.4310, 0.3112, 0.3410

Monochromacy



Original Color

35.5767, 0.3339, 0.3955

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.4041, 0.3202, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5767, 0.3339, 0.3955 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(150, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 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(150, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 124) }
```

Border

The CSS property to change the border of an element to Yxy 35.5767, 0.3339, 0.3955 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(150, 167, 124) }
```

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

```
.border{ border-color:rgb(150, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5767, 0.3339, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 124) }
```

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

```
.background{ background-color: rgb(150,  
167, 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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