

Converting Colors

Yxy(36.7498, 0.3266, 0.3960)

Have a look what the booklet for
Yxy(36.7498, 0.3266, 0.3960)
contains.

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Color

Yxy(36.7691, 0.3267, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	92AB7F
RGB	146, 171, 127
RGB Percent	57%, 67%, 50%
CMY	0.4273, 0.3294, 0.5020
CMYK	0.15, 0.00, 0.26, 0.33
HSL	94°, 21%, 58%
HSV	94°, 26%, 67%
XYZ	30.2505, 36.7691, 25.5745
YIQ	158.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

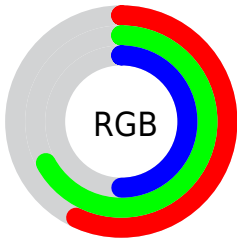
Format	Color
RYB	127, 171, 152
Decimal	9612159
CIELab	67.10, -16.83, 19.88
CIElCh	67, 26.048, 130.242
Yxy	36.7691, 0.3267, 0.3971
Android (android.graphics.Color)	4287802239 (0xFF92AB7F)
YUV	158.5090, -15.5339, -10.9704
Hunter-Lab	60.6375, -17.0667, 17.4401

Details

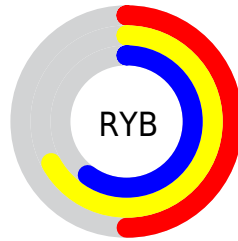
The Yxy color $36.7691, 0.3267, 0.3971$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $24.7847, 0.2950, 0.2623$, and the grayscale version is $34.5099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9674, 0.3242, 0.3828$, and $16.1766, 0.3294, 0.4199$ is the 20% darker color. If you saturate the color by 10%, you get $35.5103, 0.3314, 0.4268$, and if you desaturate by 10%, it is $38.1822, 0.3214, 0.3690$.

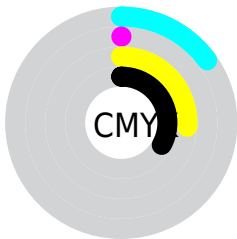
Distribution



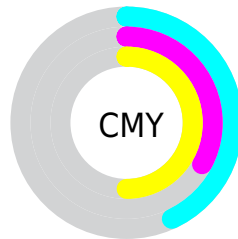
- Red (57%)
- Green (67%)
- Blue (50%)



- Red (50%)
- Yellow (67%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)





- Cyan (43%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7691, 0.3267, 0.3971 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 36.7691, 0.3267, 0.3971 by changing the saturation by 10% instead.


 36.7691, 0.3267,
0.3971


 36.7691, 0.3267,
0.3971


332.3098, 0.3201,
0.3606


 25.0288, 0.3282,
0.4070


 70.2175, 0.3244,
0.3832

 16.0985, 0.3299,
0.4203


 92.6944, 0.3235,
0.3782

 9.5939, 0.3318,
0.4389


 119.5189, 0.3228,
0.3740

 5.1305, 0.3336,
0.4667

151.0754, 0.3221,
0.3705

 2.3240, 0.3360,
0.5151

187.7484, 0.3215,
0.3675

 0.7864, 0.2998,
0.7002

229.9222, 0.3210,

 0.0000, 0.0000,

0.3649

0.0000

277.9812, 0.3205,
0.3626

■ 36.7691, 0.3267,
0.3971

■ 36.7691, 0.3267,
0.3971

■ 35.5103, 0.3314,
0.4268

■ 38.1822, 0.3214,
0.3690

■ 34.3953, 0.3353,
0.4572

■ 39.7502, 0.3159,
0.3429

■ 33.4196, 0.3379,
0.4871

■ 41.4797, 0.3104,
0.3192

■ 32.5767, 0.3389,
0.5151

■ 43.3756, 0.3049,
0.2977

■ 31.8593, 0.3379,
0.5395

■ 45.4424, 0.2997,
0.2786

■ 31.2592, 0.3351,
0.5589

■ 47.6845, 0.2948,
0.2615

■ 30.7663, 0.3304,
0.5726

■ 50.1063, 0.2901,
0.2463

■ 30.5810, 0.3283,
0.5775

■ 52.1332, 0.2918,
0.2406

■ 53.7242, 0.2994,
0.2425

Harmonies

Analogous

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



36.7691, 0.3632, 0.3973



36.7691, 0.3267, 0.3971



36.7691, 0.2879, 0.3747

Triad

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



36.7691, 0.3267, 0.3971



36.7691, 0.2429, 0.2754



36.7691, 0.3705, 0.3168

Complementary

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



36.7691, 0.3267, 0.3971



24.7847, 0.2950, 0.2623

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.



36.7691, 0.3349, 0.2889



36.7691, 0.3267, 0.3971



36.7691, 0.2619, 0.2651

Square

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



36.7691, 0.3267, 0.3971



36.7691, 0.2412, 0.3012



36.7691, 0.2949, 0.2704



36.7691, 0.3900, 0.3489

Rectangle

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



36.7691, 0.3267, 0.3971



36.7691, 0.2660, 0.3510



36.7691, 0.2949, 0.2704



36.7691, 0.3599, 0.3068

Sweetspot

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



36.7707, 0.3267, 0.3971



70.4922, 0.3172, 0.3490



32.6214, 0.3571, 0.3659



15.6258, 0.3181, 0.3528



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.7707, 0.3267, 0.3971



64.5128, 0.3295, 0.4142



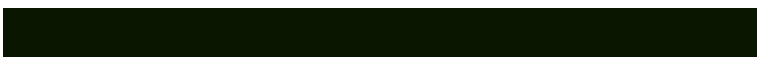
35.2452, 0.3070, 0.3959



9.1025, 0.3179, 0.3520



23.0841, 0.3290, 0.5769



0.6749, 0.3545, 0.5567

Inverse Universe

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



24.7847, 0.2950, 0.2623



39.2914, 0.2900, 0.2459



26.6612, 0.3188, 0.2702



7.9729, 0.3071, 0.3062



4.1639, 0.2175, 0.0972



0.1474, 0.2489, 0.1145

Previews

White Background



This preview shows how the Yxy color 36.7691, 0.3267, 0.3971 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 36.7691, 0.3267, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

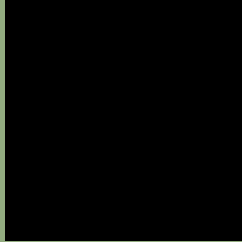
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7691, 0.3267, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 36.7691, 0.3267, 0.3971.



This preview shows how white text looks on a background with the Yxy color 36.7691, 0.3267, 0.3971.

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

36.7691, 0.3267, 0.3971

Protanopia

36.6231, 0.3602, 0.3865

Deuteranopia

36.6728, 0.3724, 0.3659



Tritanopia

36.5953, 0.2928, 0.3102

Trichromacy



Original Color

36.7691, 0.3267, 0.3971

Protanomaly

36.6202, 0.3480, 0.3911

Deuteranomaly

36.4243, 0.3549, 0.3765

Tritanomaly

36.7199, 0.3049, 0.3409

Monochromacy



Original Color

36.7691, 0.3267, 0.3971

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1710, 0.3182, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7691, 0.3267, 0.3971 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(146, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 127)  
}
```

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(146, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.7691, 0.3267, 0.3971 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(146, 171, 127) }
```

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

```
.border{ border-color:rgb(146, 171, 127) }
```

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

Here you see how a box with a 4 pixel rgb(146, 171, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 171,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7691, 0.3267, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 127) }
```

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

```
.background{ background-color: rgb(146,  
171, 127) }
```

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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