

Converting Colors

$Yxy(36.7524, 0.3126, 0.3705)$

Have a look what the booklet for
Yxy(36.7524, 0.3126, 0.3705)
contains.

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Color

Yxy(36.7524, 0.3126, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	91AA8F
RGB	145, 170, 143
RGB Percent	57%, 67%, 56%
CMY	0.4313, 0.3333, 0.4393
CMYK	0.15, 0.00, 0.16, 0.33
HSL	115°, 14%, 61%
HSV	115°, 16%, 67%
XYZ	31.0089, 36.7524, 31.4355
YIQ	159.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

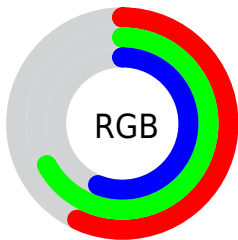
Format	Color
RYB	143, 170, 168
Decimal	9546383
CIELab	67.09, -13.94, 11.07
CIElCh	67, 17.807, 141.541
Yxy	36.7524, 0.3126, 0.3705
Android (android.graphics.Color)	4287736463 (0xFF91AA8F)
YUV	159.4470, -8.1084, -12.6700
Hunter-Lab	60.6238, -14.7893, 11.6928

Details

The Yxy color **36.7524, 0.3126, 0.3705** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.8614, 0.3124, 0.2903**, and the grayscale version is **34.9268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0238, 0.3126, 0.3615**, and **16.1269, 0.3114, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **34.9464, 0.3123, 0.4007**, and if you desaturate by 10%, it is **38.8373, 0.3127, 0.3435**.

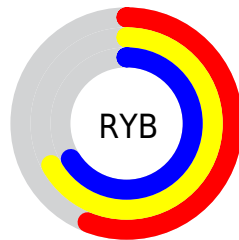
Distribution



Red (57%)

Green (67%)

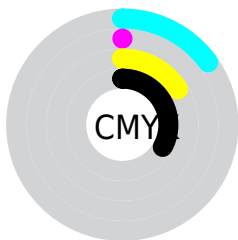
Blue (56%)



Red (56%)

Yellow (67%)

Blue (66%)

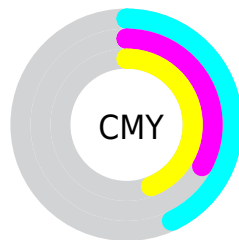


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (43%)


Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7524, 0.3126, 0.3705 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 36.7524, 0.3126, 0.3705 by changing the saturation by 10% instead.


 36.7524, 0.3126,
0.3705

 36.7524, 0.3126,
0.3705

332.2373, 0.3129,
0.3484

 25.0158, 0.3124,
0.3765


 70.1918, 0.3128,
0.3621

 16.0889, 0.3121,
0.3845


 92.6635, 0.3128,
0.3591

 9.5871, 0.3115,
0.3958


119.4822, 0.3129,
0.3566

 5.1260, 0.3104,
0.4127

151.0326, 0.3129,
0.3544

 2.3214, 0.3078,
0.4409

187.6989, 0.3129,
0.3526

 0.7850, 0.3192,
0.6175

229.8655, 0.3129,

 0.0000, 0.0000,

0.3510

0.0000

277.9168, 0.3129,
0.3496

■ 36.7524, 0.3126,
0.3705

■ 36.7524, 0.3126,
0.3705

■ 34.9464, 0.3123,
0.4007

■ 38.8373, 0.3127,
0.3435

■ 33.4029, 0.3117,
0.4335

■ 41.2073, 0.3127,
0.3196

■ 32.1113, 0.3107,
0.4679


■ 43.8742, 0.3125,
0.2988


■ 31.0580, 0.3095,
0.5023


■ 46.8478, 0.3123,
0.2807

■ 30.2285, 0.3079,
0.5345


■ 50.1375, 0.3120,
0.2652


 29.6065, 0.3060,
0.5619

 53.7521, 0.3117,
0.2517

 29.1735, 0.3041,
0.5824

 57.2312, 0.3166,
0.2460

 28.9072, 0.3022,
0.5948

 28.8351, 0.3018,
0.5986

Harmonies

Analogous

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



36.7524, 0.3391, 0.3770



36.7524, 0.3126, 0.3705



36.7524, 0.2870, 0.3512

Triad

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



36.7524, 0.3126, 0.3705



36.7524, 0.2678, 0.2881



36.7524, 0.3587, 0.3295

Complementary

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



36.7524, 0.3126, 0.3705



30.8614, 0.3124, 0.2903

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.



36.7524, 0.3380, 0.3079



36.7524, 0.3126, 0.3705



36.7524, 0.2855, 0.2845

Square

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



36.7524, 0.3126, 0.3705



36.7524, 0.2618, 0.3027



36.7524, 0.3110, 0.2918



36.7524, 0.3664, 0.3518

Rectangle

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



36.7524, 0.3126, 0.3705



36.7524, 0.2736, 0.3344



36.7524, 0.3110, 0.2918



36.7524, 0.3530, 0.3220

Sweetspot

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



36.7540, 0.3126, 0.3705



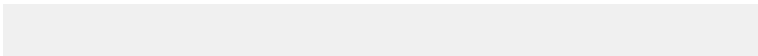
70.7903, 0.3127, 0.3414



38.4428, 0.3365, 0.3645



15.7247, 0.3127, 0.3431



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.



36.7540, 0.3126, 0.3705



65.4971, 0.3125, 0.3806



36.9295, 0.3016, 0.3530



8.4337, 0.3127, 0.3522



21.2204, 0.3021, 0.5983



0.5244, 0.3115, 0.5909

Inverse Universe

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



30.8614, 0.3124, 0.2903



52.7973, 0.3123, 0.2817



30.6780, 0.3257, 0.3062



7.6375, 0.3126, 0.3067



7.4345, 0.3024, 0.1440



0.1890, 0.3090, 0.1476

Previews

White Background



This preview shows how the Yxy color 36.7524, 0.3126, 0.3705 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 36.7524, 0.3126, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

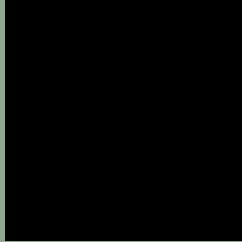
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7524, 0.3126, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 36.7524, 0.3126, 0.3705.



This preview shows how white text looks on a background with the Yxy color 36.7524, 0.3126, 0.3705.

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

36.7524, 0.3126, 0.3705

Protanopia

36.7164, 0.3422, 0.3637

Deuteranopia

36.5036, 0.3513, 0.3443



Tritanopia

36.7039, 0.2894, 0.3101

Trichromacy



Original Color

36.7524, 0.3126, 0.3705

Protanomaly

36.8473, 0.3317, 0.3674

Deuteranomaly

36.4310, 0.3359, 0.3536

Tritanomaly

36.7436, 0.2981, 0.3319

Monochromacy



Original Color

36.7524, 0.3126, 0.3705

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.3643, 0.3130, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7524, 0.3126, 0.3705 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(145, 170, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 170, 143)  
}
```

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(145, 170, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 170, 143) }
```

Border

The CSS property to change the border of an element to Yxy 36.7524, 0.3126, 0.3705 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(145, 170, 143) }
```

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

```
.border{ border-color:rgb(145, 170, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 170, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 170, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 170, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 170,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7524, 0.3126, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 170, 143) }
```

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

```
.background{ background-color: rgb(145,  
170, 143) }
```

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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