

Converting Colors

$Yxy(35.6028, 0.3296, 0.4069)$

Have a look what the booklet for
Yxy(35.6028, 0.3296, 0.4069)
contains.

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Color

Yxy(35.4828, 0.3291, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	8EA978
RGB	142, 169, 120
RGB Percent	56%, 66%, 47%
CMY	0.4431, 0.3372, 0.5295
CMYK	0.16, 0.00, 0.29, 0.34
HSL	93°, 22%, 57%
HSV	93°, 29%, 66%
XYZ	28.7337, 35.4828, 23.0935
YIQ	155.3410, -0.3630, -20.9630

Conversions

Conversions Part 2

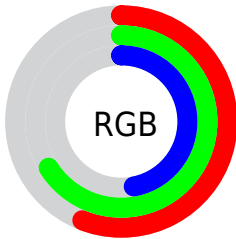
Format	Color
RYB	120, 169, 147
Decimal	9349496
CIELab	66.12, -18.40, 22.32
CIELCh	66, 28.928, 129.509
Yxy	35.4828, 0.3291, 0.4064
Android (android.graphics.Color)	4287539576 (0xFF8EA978)
YUV	155.3410, -17.4231, -11.7001
Hunter-Lab	59.5674, -18.1394, 18.7113

Details

The Yxy color $35.4828, 0.3291, 0.4064$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.4894, 0.2913, 0.2530$, and the grayscale version is $33.0169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.0642, 0.3261, 0.3896$, and $15.4017, 0.3325, 0.4335$ is the 20% darker color. If you saturate the color by 10%, you get $34.3208, 0.3339, 0.4362$, and if you desaturate by 10%, it is $36.7890, 0.3237, 0.3779$.

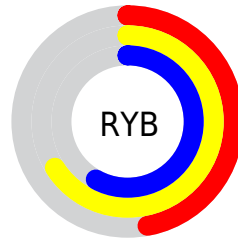
Distribution



Red (56%)

Green (66%)

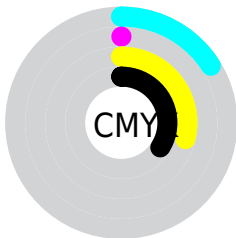
Blue (47%)



Red (47%)

Yellow (66%)

Blue (58%)

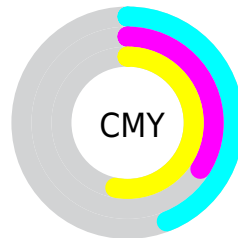


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (44%)


Magenta (34%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4828, 0.3291, 0.4064 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 35.4828, 0.3291, 0.4064 by changing the saturation by 10% instead.


 35.4828, 0.3291,
0.4064


 35.4828, 0.3291,
0.4064


326.6943, 0.3214,
0.3646

 24.0350, 0.3307,
0.4179


 68.2330, 0.3265,
0.3904

 15.3596, 0.3326,
0.4333


 90.3043, 0.3254,
0.3847

 9.0721, 0.3346,
0.4550


 116.6854, 0.3245,
0.3799

 4.7883, 0.3362,
0.4874

147.7610, 0.3237,
0.3759

 2.1236, 0.3442,
0.5556

183.9152, 0.3230,
0.3724

 0.6778, 0.2234,
0.7766

225.5326, 0.3224,

 0.0000, 0.0000,

0.3695

0.0000

272.9975, 0.3219,
0.3669

■ 35.4828, 0.3291,
0.4064

■ 35.4828, 0.3291,
0.4064

■ 34.3208, 0.3339,
0.4362

■ 36.7890, 0.3237,
0.3779

■ 33.2929, 0.3376,
0.4663

■ 38.2399, 0.3180,
0.3512

■ 32.3947, 0.3400,
0.4955


■ 39.8418, 0.3121,
0.3267


■ 31.6198, 0.3405,
0.5222


■ 41.5995, 0.3064,
0.3045


■ 30.9611, 0.3392,
0.5449


■ 43.5173, 0.3009,
0.2846

 30.4106, 0.3358,
0.5623

 45.5993, 0.2956,
0.2668

 29.9543, 0.3309,
0.5747

 47.8498, 0.2907,
0.2509

 29.9128, 0.3305,
0.5758

 50.2614, 0.2862,
0.2370

 51.7224, 0.2934,
0.2389

Harmonies

Analogous

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



35.4828, 0.3699, 0.4054



35.4828, 0.3291, 0.4064



35.4828, 0.2857, 0.3817

Triad

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



35.4828, 0.3291, 0.4064



35.4828, 0.2347, 0.2694



35.4828, 0.3770, 0.3143

Complementary

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



35.4828, 0.3291, 0.4064



22.4894, 0.2913, 0.2530

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.



35.4828, 0.3364, 0.2837



35.4828, 0.3291, 0.4064



35.4828, 0.2552, 0.2579

Square

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



35.4828, 0.3291, 0.4064



35.4828, 0.2332, 0.2983



35.4828, 0.2915, 0.2635



35.4828, 0.3994, 0.3498

Rectangle

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



35.4828, 0.3291, 0.4064



35.4828, 0.2611, 0.3547



35.4828, 0.2915, 0.2635



35.4828, 0.3648, 0.3033

Sweetspot

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



35.4843, 0.3291, 0.4064



68.4427, 0.3180, 0.3516



30.6387, 0.3640, 0.3696



14.8348, 0.3189, 0.3552



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.



35.4843, 0.3291, 0.4064



62.1426, 0.3323, 0.4260



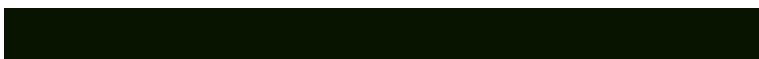
33.7834, 0.3069, 0.4071



8.5667, 0.3181, 0.3519



22.3240, 0.3312, 0.5752



0.5737, 0.3588, 0.5533

Inverse Universe

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



22.4894, 0.2913, 0.2530



34.9272, 0.2851, 0.2341



24.6344, 0.3187, 0.2616



7.4964, 0.3069, 0.3063



3.9022, 0.2141, 0.0953



0.1247, 0.2495, 0.1148

Previews

White Background



This preview shows how the Yxy color 35.4828, 0.3291, 0.4064 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 35.4828, 0.3291, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

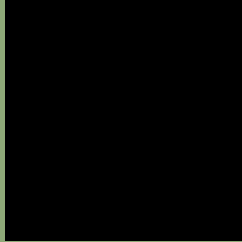
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4828, 0.3291, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 35.4828, 0.3291, 0.4064.



This preview shows how white text looks on a background with the Yxy color 35.4828, 0.3291, 0.4064.

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

35.4828, 0.3291, 0.4064

Protanopia

35.1732, 0.3658, 0.3930

Deuteranopia

35.2326, 0.3786, 0.3718



Tritanopia

35.4198, 0.2908, 0.3099

Trichromacy



Original Color

35.4828, 0.3291, 0.4064

Protanomaly

35.0558, 0.3522, 0.3983

Deuteranomaly

34.8593, 0.3595, 0.3831

Tritanomaly

35.4799, 0.3046, 0.3442

Monochromacy



Original Color

35.4828, 0.3291, 0.4064

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.5786, 0.3191, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4828, 0.3291, 0.4064 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(142, 169, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 169, 120)  
}
```

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(142, 169, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 169, 120) }
```

Border

The CSS property to change the border of an element to Yxy 35.4828, 0.3291, 0.4064 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(142, 169, 120) }
```

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

```
.border{ border-color:rgb(142, 169, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 169, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 169, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 169, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 169,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4828, 0.3291, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 169, 120) }
```

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

```
.background{ background-color: rgb(142,  
169, 120) }
```

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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