

Converting Colors

$Yxy(35.6036, 0.3174, 0.3821)$

Have a look what the booklet for
Yxy(35.6036, 0.3174, 0.3821)
contains.

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Color

Yxy(35.4773, 0.3175, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	8EA886
RGB	142, 168, 134
RGB Percent	56%, 66%, 53%
CMY	0.4431, 0.3412, 0.4744
CMYK	0.15, 0.00, 0.20, 0.34
HSL	106°, 16%, 59%
HSV	106°, 20%, 66%
XYZ	29.4639, 35.4773, 27.8585
YIQ	156.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

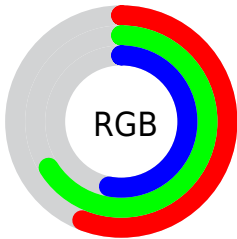
Format	Color
RYB	134, 168, 160
Decimal	9349254
CIELab	66.12, -15.57, 14.62
CIElCh	66, 21.353, 136.806
Yxy	35.4773, 0.3175, 0.3823
Android (android.graphics.Color)	4287539334 (0xFF8EA886)
YUV	156.3500, -11.0186, -12.5850
Hunter-Lab	59.5628, -15.9365, 13.9631

Details

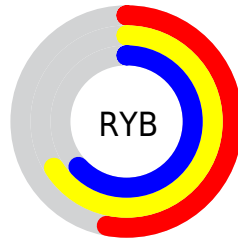
The Yxy color $35.4773, 0.3175, 0.3823$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $27.3598, 0.3065, 0.2786$, and the grayscale version is $33.4643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.0990, 0.3171, 0.3715$, and $15.3550, 0.3181, 0.4017$ is the 20% darker color. If you saturate the color by 10%, you get $33.9744, 0.3194, 0.4126$, and if you desaturate by 10%, it is $37.1888, 0.3152, 0.3545$.

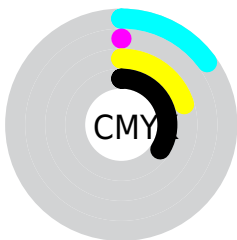
Distribution



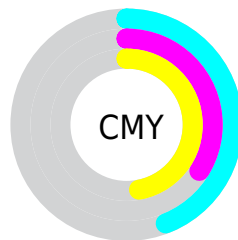
- Red (56%)
- Green (66%)
- Blue (53%)



- Red (53%)
- Yellow (66%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (44%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4773, 0.3175, 0.3823 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 35.4773, 0.3175, 0.3823 by changing the saturation by 10% instead.


 35.4773, 0.3175,
0.3823


 35.4773, 0.3175,
0.3823


326.6701, 0.3154,
0.3537

 24.0308, 0.3179,
0.3902


 68.2245, 0.3168,
0.3714

 15.3565, 0.3183,
0.4008


 90.2940, 0.3166,
0.3674

 9.0699, 0.3185,
0.4157


 116.6733, 0.3163,
0.3642

 4.7868, 0.3184,
0.4384

147.7467, 0.3161,
0.3614

 2.1227, 0.3167,
0.4765

183.8987, 0.3159,
0.3590

 0.6774, 0.2803,
0.7197

225.5137, 0.3157,

 0.0000, 0.0000,

0.3570

0.0000

272.9760, 0.3156,
0.3552

■ 35.4773, 0.3175,
0.3823

■ 35.4773, 0.3175,
0.3823

■ 33.9744, 0.3194,
0.4126

■ 37.1888, 0.3152,
0.3545

■ 32.6676, 0.3208,
0.4447

■ 39.1118, 0.3128,
0.3295

■ 31.5500, 0.3214,
0.4776

■ 41.2549, 0.3102,
0.3073

■ 30.6124, 0.3210,
0.5096

■ 43.6250, 0.3077,
0.2877


■ 29.8449, 0.3195,
0.5388


■ 46.2285, 0.3053,
0.2704


 29.2367, 0.3169,
0.5631

 49.0717, 0.3030,
0.2554

 28.7752, 0.3133,
0.5809

 52.1605, 0.3008,
0.2422

 28.4459, 0.3095,
0.5925

 54.6054, 0.3085,
0.2419

 56.4850, 0.3167,
0.2441

Harmonies

Analogous

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



35.4773, 0.3490, 0.3871



35.4773, 0.3175, 0.3823



35.4773, 0.2859, 0.3606

Triad

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



35.4773, 0.3175, 0.3823



35.4773, 0.2565, 0.2814



35.4773, 0.3655, 0.3250

Complementary

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



35.4773, 0.3175, 0.3823



27.3598, 0.3065, 0.2786

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.



35.4773, 0.3384, 0.3000



35.4773, 0.3175, 0.3823



35.4773, 0.2756, 0.2753

Square

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



35.4773, 0.3175, 0.3823



35.4773, 0.2518, 0.3006



35.4773, 0.3052, 0.2822



35.4773, 0.3778, 0.3520

Rectangle

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



35.4773, 0.3175, 0.3823



35.4773, 0.2688, 0.3404



35.4773, 0.3052, 0.2822



35.4773, 0.3578, 0.3161

Sweetspot

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



35.4788, 0.3175, 0.3823



68.8724, 0.3142, 0.3439



35.0175, 0.3448, 0.3665



14.9651, 0.3144, 0.3455



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.



35.4788, 0.3175, 0.3823



63.1858, 0.3184, 0.3948



35.0442, 0.3032, 0.3695



8.4897, 0.3150, 0.3521



21.5016, 0.3100, 0.5920



0.5455, 0.3335, 0.5734

Inverse Universe

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



27.3598, 0.3065, 0.2786



45.9014, 0.3049, 0.2676



27.9032, 0.3238, 0.2917



7.5765, 0.3102, 0.3065



5.6548, 0.2631, 0.1223



0.1587, 0.2833, 0.1334

Previews

White Background



This preview shows how the Yxy color 35.4773, 0.3175, 0.3823 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 35.4773, 0.3175, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

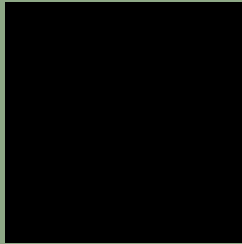
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4773, 0.3175, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 35.4773, 0.3175, 0.3823.



This preview shows how white text looks on a background with the Yxy color 35.4773, 0.3175, 0.3823.

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

35.4773, 0.3175, 0.3823

Protanopia

35.2994, 0.3505, 0.3729

Deuteranopia

35.1077, 0.3602, 0.3528



Tritanopia

35.3254, 0.2899, 0.3098

Trichromacy



Original Color

35.4773, 0.3175, 0.3823

Protanomaly

35.3067, 0.3385, 0.3771

Deuteranomaly

35.0089, 0.3440, 0.3627

Tritanomaly

35.2000, 0.2996, 0.3350

Monochromacy



Original Color

35.4773, 0.3175, 0.3823

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8590, 0.3147, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4773, 0.3175, 0.3823 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, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 168, 134)  
}
```

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, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 168, 134) }
```

Border

The CSS property to change the border of an element to Yxy 35.4773, 0.3175, 0.3823 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, 168, 134) }
```

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

```
.border{ border-color:rgb(142, 168, 134) }
```

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

Here you see how a box with a 4 pixel rgb(142, 168, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 168, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 168, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 168,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4773, 0.3175, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 168, 134) }
```

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

```
.background{ background-color: rgb(142,  
168, 134) }
```

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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