

Converting Colors

$Yxy(34.7969, 0.2979, 0.3378)$

Have a look what the booklet for
Yxy(34.7969, 0.2979, 0.3378)
contains.

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Color

Yxy(34.7703, 0.2976, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	8EA49E
RGB	142, 164, 158
RGB Percent	56%, 64%, 62%
CMY	0.4433, 0.3568, 0.3804
CMYK	0.13, 0.00, 0.04, 0.36
HSL	164°, 11%, 60%
HSV	164°, 13%, 64%
XYZ	30.5962, 34.7703, 37.4434
YIQ	156.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

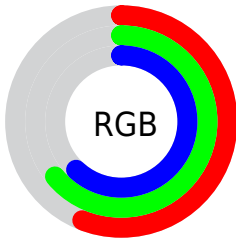
Format	Color
RYB	142, 155, 164
Decimal	9348254
CIELab	65.57, -8.92, 0.52
CIELCh	66, 8.934, 176.686
Yxy	34.7703, 0.2976, 0.3382
Android (android.graphics.Color)	4287538334 (0xFF8EA49E)
YUV	156.7380, 0.6222, -12.9252
Hunter-Lab	58.9663, -10.5717, 3.6276

Details

The Yxy color **34.7703, 0.2976, 0.3382** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3648, 0.3304, 0.3200**, and the grayscale version is **33.5913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2029, 0.3004, 0.3359**, and **14.9252, 0.2930, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **33.2753, 0.2870, 0.3458**, and if you desaturate by 10%, it is **36.4873, 0.3088, 0.3312**.

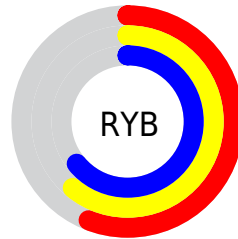
Distribution



Red (56%)

Green (64%)

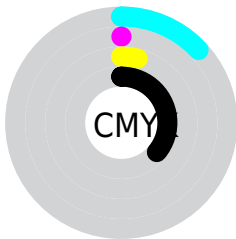
Blue (62%)



Red (56%)

Yellow (61%)

Blue (64%)

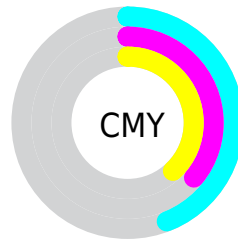


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (44%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7703, 0.2976, 0.3382 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 34.7703, 0.2976, 0.3382 by changing the saturation by 10% instead.


 34.7703, 0.2976,
0.3382


 34.7703, 0.2976,
0.3382


323.5533, 0.3055,
0.3334


 23.4860, 0.2955,
0.3395


 67.1298, 0.3006,
0.3364

 14.9528, 0.2927,
0.3412


 88.9737, 0.3017,
0.3357

 8.7862, 0.2888,
0.3436


 115.1063, 0.3026,
0.3352

 4.6020, 0.2831,
0.3471

145.9120, 0.3033,
0.3347

 2.0157, 0.2737,
0.3529

181.7752, 0.3040,
0.3343

 0.6166, 0.2273,
0.3806

223.0802, 0.3046,

 0.0000, 0.0000,

0.3340

0.0000

270.2114, 0.3051,
0.3336

■ 34.7703, 0.2976,
0.3382

■ 34.7703, 0.2976,
0.3382

■ 33.2753, 0.2870,
0.3458

■ 36.4873, 0.3088,
0.3312

■ 31.9886, 0.2771,
0.3541

■ 38.4307, 0.3203,
0.3250

■ 30.9015, 0.2684,
0.3630

■ 40.6102, 0.3318,
0.3194

■ 30.0033, 0.2610,
0.3724

■ 43.0337, 0.3433,
0.3144

■ 29.2819, 0.2553,
0.3822

■ 45.7087, 0.3546,
0.3100

■ 28.7242, 0.2513,
0.3923

■ 48.6425, 0.3656,
0.3062

■ 28.3147, 0.2493,
0.4024

■ 51.5049, 0.3746,
0.3027

■ 28.0353, 0.2492,
0.4125

■ 51.7028, 0.3703,
0.2981

■ 27.8942, 0.2498,
0.4191

■ 51.9068, 0.3661,
0.2935

Harmonies

Analogous

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



34.7703, 0.3105, 0.3484



34.7703, 0.2976, 0.3382



34.7703, 0.2888, 0.3255

Triad

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



34.7703, 0.2976, 0.3382



34.7703, 0.3009, 0.3060



34.7703, 0.3399, 0.3430

Complementary

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



34.7703, 0.2976, 0.3382



29.3648, 0.3304, 0.3200

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.



34.7703, 0.3372, 0.3317



34.7703, 0.2976, 0.3382



34.7703, 0.3145, 0.3106

Square

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



34.7703, 0.2976, 0.3382



34.7703, 0.2907, 0.3072



34.7703, 0.3278, 0.3199



34.7703, 0.3351, 0.3510

Rectangle

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



34.7703, 0.2976, 0.3382



34.7703, 0.2864, 0.3176



34.7703, 0.3278, 0.3199



34.7703, 0.3398, 0.3395

Sweetspot

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



34.7718, 0.2976, 0.3382



66.0101, 0.3081, 0.3317



34.8233, 0.3170, 0.3630



14.3793, 0.3072, 0.3321



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.7718, 0.2976, 0.3382



62.2894, 0.2945, 0.3403



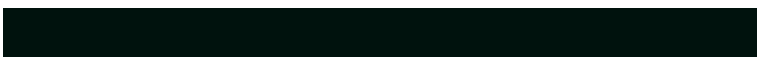
33.3054, 0.2925, 0.3216



7.9781, 0.3022, 0.3352



21.3918, 0.2495, 0.4181



0.4568, 0.2394, 0.3818

Inverse Universe

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



29.3648, 0.3304, 0.3200



50.6261, 0.3349, 0.3180



30.6314, 0.3358, 0.3363



7.1163, 0.3244, 0.3229



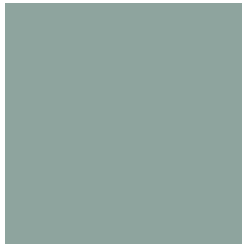
6.2026, 0.5809, 0.2974



0.1378, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 34.7703, 0.2976, 0.3382 looks on a white background.

Color Contrast Check

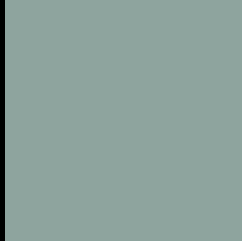
Large Text (above 18pt) WCAG AA × Fail

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 34.7703, 0.2976, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

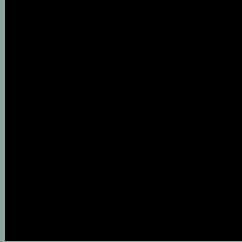
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

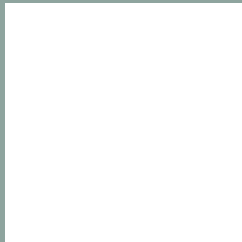
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7703, 0.2976, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 34.7703, 0.2976, 0.3382.



This preview shows how white text looks on a background with the Yxy color 34.7703, 0.2976, 0.3382.

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

34.7703, 0.2976, 0.3382

Protanopia

34.6068, 0.3203, 0.3334

Deuteranopia

34.6479, 0.3271, 0.3206



Tritanopia

34.9164, 0.2872, 0.3111

Trichromacy



Original Color

34.7703, 0.2976, 0.3382

Protanomaly

34.5105, 0.3115, 0.3350

Deuteranomaly

34.6383, 0.3157, 0.3275

Tritanomaly

34.9508, 0.2912, 0.3214

Monochromacy



Original Color

34.7703, 0.2976, 0.3382

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2513, 0.3077, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7703, 0.2976, 0.3382 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, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 158)  
}
```

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, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.7703, 0.2976, 0.3382 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, 164, 158) }
```

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

```
.border{ border-color:rgb(142, 164, 158) }
```

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

Here you see how a box with a 4 pixel rgb(142, 164, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7703, 0.2976, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 158) }
```

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

```
.background{ background-color: rgb(142,  
164, 158) }
```

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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