

Converting Colors

$Yxy(34.3072, 0.3247, 0.3971)$

Have a look what the booklet for
Yxy(34.3072, 0.3247, 0.3971)
contains.

Yxy(34.2779, 0.3252, 0.3977)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.2779, 0.3252, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	8CA67B
RGB	140, 166, 123
RGB Percent	55%, 65%, 48%
CMY	0.4509, 0.3490, 0.5176
CMYK	0.16, 0.00, 0.26, 0.35
HSL	96°, 19%, 57%
HSV	96°, 26%, 65%
XYZ	28.0291, 34.2779, 23.8833
YIQ	153.3240, -1.6930, -18.8850

Conversions

Conversions Part 2

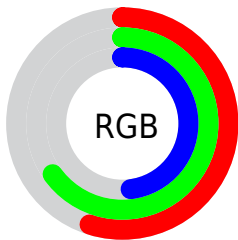
Format	Color
R _{YB}	123, 166, 149
Decimal	9217659
CIE Lab	65.18, -17.12, 19.35
CIE LCh	65, 25.837, 131.491
Yxy	34.2779, 0.3252, 0.3977
Android (android.graphics.Color)	4287407739 (0xFF8CA67B)
YUV	153.3240, -14.9497, -11.6851
Hunter-Lab	58.5473, -17.0023, 16.7968

Details

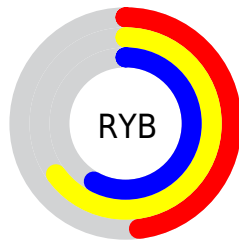
The Yxy color $34.2779, 0.3252, 0.3977$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.3134, 0.2967, 0.2624$, and the grayscale version is $32.0729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.3168, 0.3230, 0.3829$, and $14.6529, 0.3274, 0.4219$ is the 20% darker color. If you saturate the color by 10%, you get $33.0656, 0.3293, 0.4277$, and if you desaturate by 10%, it is $35.6432, 0.3206, 0.3694$.

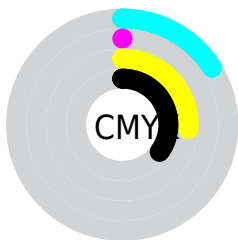
Distribution



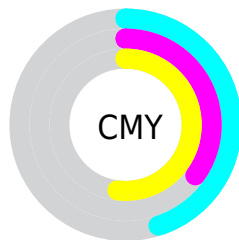
- Red (55%)
- Green (65%)
- Blue (48%)



- Red (48%)
- Yellow (65%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)




- Cyan (45%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2779, 0.3252, 0.3977 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 34.2779, 0.3252, 0.3977 by changing the saturation by 10% instead.

 34.2779, 0.3252,
0.3977


 34.2779, 0.3252,
0.3977


321.3694, 0.3193,
0.3605


 23.1072, 0.3265,
0.4080


 66.3656, 0.3232,
0.3834

 14.6727, 0.3279,
0.4220


 88.0513, 0.3224,
0.3783

 8.5900, 0.3295,
0.4417


 114.0109, 0.3217,
0.3740

 4.4747, 0.3307,
0.4716

144.6286, 0.3211,
0.3705

 1.9425, 0.3365,
0.5327

180.2890, 0.3206,
0.3674

 0.5737, 0.1818,
0.8182

221.3763, 0.3201,

 0.0000, 0.0000,

0.3648

0.0000

268.2750, 0.3197,
0.3625

■ 34.2779, 0.3252,
0.3977

■ 34.2779, 0.3252,
0.3977

■ 33.0656, 0.3293,
0.4277

■ 35.6432, 0.3206,
0.3694

■ 31.9962, 0.3326,
0.4584

■ 37.1623, 0.3156,
0.3433

■ 31.0651, 0.3346,
0.4889

■ 38.8419, 0.3107,
0.3195

■ 30.2658, 0.3351,
0.5173

■ 40.6867, 0.3058,
0.2982

■ 29.5909, 0.3339,
0.5422

■ 42.7013, 0.3011,
0.2791

■ 29.0325, 0.3308,
0.5620

■ 44.8902, 0.2966,
0.2622

■ 28.5804, 0.3261,
0.5760

■ 47.2576, 0.2924,
0.2472

■ 28.4180, 0.3241,
0.5808

■ 49.7548, 0.2891,
0.2347

■ 51.3709, 0.2970,
0.2368

Harmonies

Analogous

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



34.2779, 0.3626, 0.3988



34.2779, 0.3252, 0.3977



34.2779, 0.2860, 0.3741

Triad

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



34.2779, 0.3252, 0.3977



34.2779, 0.2424, 0.2738



34.2779, 0.3727, 0.3180

Complementary

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



34.2779, 0.3252, 0.3977



23.3134, 0.2967, 0.2624

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.



34.2779, 0.3369, 0.2893



34.2779, 0.3252, 0.3977



34.2779, 0.2623, 0.2641

Square

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



34.2779, 0.3252, 0.3977



34.2779, 0.2399, 0.2994



34.2779, 0.2962, 0.2701



34.2779, 0.3915, 0.3505

Rectangle

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



34.2779, 0.3252, 0.3977



34.2779, 0.2641, 0.3497



34.2779, 0.2962, 0.2701



34.2779, 0.3621, 0.3077

Sweetspot

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



34.2794, 0.3252, 0.3977



66.7995, 0.3168, 0.3490



30.9712, 0.3568, 0.3681



14.8561, 0.3175, 0.3527



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.



34.2794, 0.3252, 0.3977



60.9297, 0.3276, 0.4146



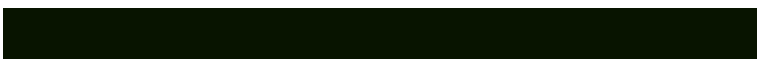
33.0250, 0.3058, 0.3937



8.5470, 0.3173, 0.3519



22.0626, 0.3248, 0.5803



0.5666, 0.3528, 0.5580

Inverse Universe

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



23.3134, 0.2967, 0.2624



37.6388, 0.2923, 0.2466



24.8754, 0.3203, 0.2719



7.5164, 0.3077, 0.3063



4.2794, 0.2257, 0.1017



0.1325, 0.2579, 0.1194

Previews

White Background



This preview shows how the Yxy color 34.2779, 0.3252, 0.3977 looks on a white background.

Color Contrast Check

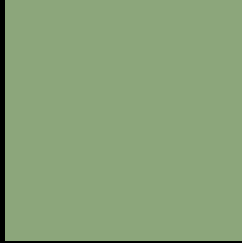
Large Text (above 18pt) WCAG AA × Fail

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 34.2779, 0.3252, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

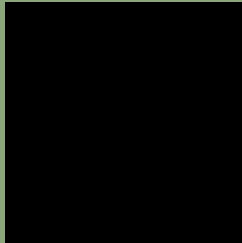
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2779, 0.3252, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 34.2779, 0.3252, 0.3977.



This preview shows how white text looks on a background with the Yxy color 34.2779, 0.3252, 0.3977.

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

34.2779, 0.3252, 0.3977

Protanopia

34.2206, 0.3606, 0.3866

Deuteranopia

34.1532, 0.3721, 0.3656



Tritanopia

34.4161, 0.2914, 0.3111

Trichromacy



Original Color

34.2779, 0.3252, 0.3977

Protanomaly

34.1149, 0.3471, 0.3916

Deuteranomaly

33.9194, 0.3542, 0.3765

Tritanomaly

34.1935, 0.3037, 0.3413

Monochromacy



Original Color

34.2779, 0.3252, 0.3977

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7026, 0.3174, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2779, 0.3252, 0.3977 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(140, 166, 123)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 123)  
}
```

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(140, 166, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 123) }
```

Border

The CSS property to change the border of an element to Yxy 34.2779, 0.3252, 0.3977 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(140, 166, 123) }
```

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

```
.border{ border-color:rgb(140, 166, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 123);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2779, 0.3252, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 123) }
```

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

```
.background{ background-color: rgb(140,  
166, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor