

Converting Colors

$Yxy(32.6823, 0.3341, 0.3787)$

Have a look what the booklet for
Yxy(32.6823, 0.3341, 0.3787)
contains.

Yxy(32.5653, 0.3342, 0.3777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5653, 0.3342, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	979E7F
RGB	151, 158, 127
RGB Percent	59%, 62%, 50%
CMY	0.4080, 0.3803, 0.5020
CMYK	0.04, 0.00, 0.20, 0.38
HSL	74°, 14%, 56%
HSV	74°, 20%, 62%
XYZ	28.8147, 32.5653, 24.8400
YIQ	152.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

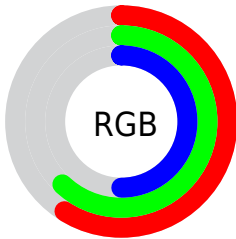
Format	Color
RYB	127, 158, 134
Decimal	9936511
CIELab	63.81, -8.11, 15.39
CIElCh	64, 17.398, 117.780
Yxy	32.5653, 0.3342, 0.3777
Android (android.graphics.Color)	4288126591 (0xFF979E7F)
YUV	152.3730, -12.5089, -1.2041
Hunter-Lab	57.0660, -9.7343, 14.1382

Details

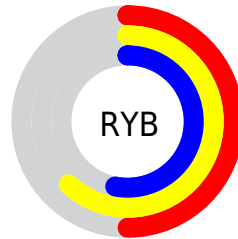
The Yxy color **32.5653, 0.3342, 0.3777** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7148, 0.2884, 0.2777**, and the grayscale version is **31.6204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8629, 0.3296, 0.3680**, and **13.7748, 0.3406, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **31.8485, 0.3450, 0.4038**, and if you desaturate by 10%, it is **33.3600, 0.3232, 0.3523**.

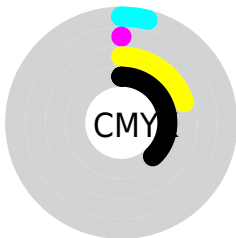
Distribution



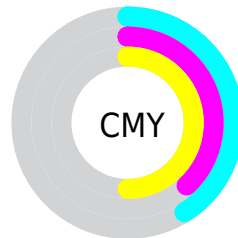
- Red (59%)
- Green (62%)
- Blue (50%)



- Red (50%)
- Yellow (62%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)





- Cyan (41%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5653, 0.3342, 0.3777 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 32.5653, 0.3342, 0.3777 by changing the saturation by 10% instead.


 32.5653, 0.3342,
0.3777


 32.5653, 0.3342,
0.3777


313.6864, 0.3231,
0.3515


 21.7936, 0.3371,
0.3849


 63.6963, 0.3301,
0.3677

 13.7054, 0.3408,
0.3946


 84.8244, 0.3286,
0.3641

 7.9160, 0.3458,
0.4084


 110.1734, 0.3273,
0.3611

 4.0413, 0.3527,
0.4291

140.1277, 0.3262,
0.3585

 1.6967, 0.3673,
0.4699

175.0718, 0.3252,
0.3564

 0.4215, 0.3247,
0.6753

215.3900, 0.3244,

 0.0000, 0.0000,

0.3545

0.0000

261.4668, 0.3237,
0.3529

■ 32.5653, 0.3342,
0.3777

■ 32.5653, 0.3342,
0.3777

■ 31.8485, 0.3450,
0.4038

■ 33.3600, 0.3232,
0.3523

■ 31.2023, 0.3552,
0.4300

■ 34.2313, 0.3123,
0.3282

■ 30.6247, 0.3644,
0.4553

■ 35.1832, 0.3018,
0.3056

■ 30.1121, 0.3720,
0.4787

■ 36.2184, 0.2919,
0.2847

■ 29.6605, 0.3775,
0.4990

■ 37.3394, 0.2825,
0.2657

■ 29.2653, 0.3807,
0.5155

■ 38.5485, 0.2739,
0.2483

■ 28.9213, 0.3814,
0.5276

■ 39.8480, 0.2659,
0.2327

■ 28.6165, 0.3802,
0.5361

■ 41.2400, 0.2585,
0.2186

■ 28.6058, 0.3801,
0.5364

■ 41.7781, 0.2602,
0.2179

Harmonies

Analogous

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



32.5653, 0.3565, 0.3728



32.5653, 0.3342, 0.3777



32.5653, 0.3068, 0.3681

Triad

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



32.5653, 0.3342, 0.3777



32.5653, 0.2612, 0.2983



32.5653, 0.3436, 0.3118

Complementary

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



32.5653, 0.3342, 0.3777



22.7148, 0.2884, 0.2777

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.



32.5653, 0.3168, 0.2939



32.5653, 0.3342, 0.3777



32.5653, 0.2699, 0.2857

Square

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



32.5653, 0.3342, 0.3777



32.5653, 0.2654, 0.3204



32.5653, 0.2899, 0.2844



32.5653, 0.3623, 0.3343

Rectangle

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



32.5653, 0.3342, 0.3777



32.5653, 0.2895, 0.3546



32.5653, 0.2899, 0.2844



32.5653, 0.3352, 0.3051

Sweetspot

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



32.5667, 0.3342, 0.3777



61.1101, 0.3193, 0.3436



25.7720, 0.3483, 0.3398



13.7561, 0.3200, 0.3451



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.5667, 0.3342, 0.3777



58.4826, 0.3395, 0.3903



31.2060, 0.3188, 0.3801



7.6444, 0.3228, 0.3513



22.9238, 0.3805, 0.5361



0.4271, 0.3971, 0.5229

Inverse Universe

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



22.7148, 0.2884, 0.2777



36.9402, 0.2815, 0.2635



24.0544, 0.3051, 0.2801



6.5043, 0.3021, 0.3061



2.2911, 0.1638, 0.0676



0.0578, 0.2007, 0.0879

Previews

White Background



This preview shows how the Yxy color 32.5653, 0.3342, 0.3777 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 32.5653, 0.3342, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

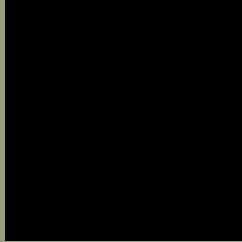
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

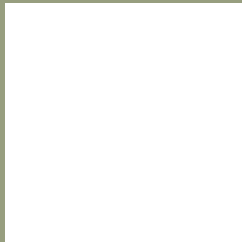
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.5653, 0.3342, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 32.5653, 0.3342, 0.3777.



This preview shows how white text looks on a background with the Yxy color 32.5653, 0.3342, 0.3777.

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

32.5653, 0.3342, 0.3777

Protanopia

32.4844, 0.3509, 0.3729

Deuteranopia

32.5448, 0.3637, 0.3579



Tritanopia

32.5670, 0.3047, 0.3112

Trichromacy



Original Color

32.5653, 0.3342, 0.3777

Protanomaly

32.3200, 0.3443, 0.3736

Deuteranomaly

32.3398, 0.3529, 0.3649

Tritanomaly

32.5471, 0.3154, 0.3351

Monochromacy



Original Color

32.5653, 0.3342, 0.3777

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7698, 0.3209, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5653, 0.3342, 0.3777 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(151, 158, 127)` looks like.

```
.text, #text, p{  
    color:rgb(151, 158, 127)  
}
```

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(151, 158, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 158, 127) }
```

Border

The CSS property to change the border of an element to Yxy 32.5653, 0.3342, 0.3777 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(151, 158, 127) }
```

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

```
.border{ border-color:rgb(151, 158, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 158, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(151, 158,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5653, 0.3342, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 158, 127) }
```

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

```
.background{ background-color: rgb(151,  
158, 127) }
```

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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