

Converting Colors

$Yxy(31.9898, 0.3295, 0.3662)$

Have a look what the booklet for
Yxy(31.9898, 0.3295, 0.3662)
contains.

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Color

Yxy(32.0222, 0.3300, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	979C84
RGB	151, 156, 132
RGB Percent	59%, 61%, 52%
CMY	0.4078, 0.3882, 0.4824
CMYK	0.03, 0.00, 0.15, 0.39
HSL	72°, 11%, 56%
HSV	72°, 15%, 61%
XYZ	28.8174, 32.0222, 26.4858
YIQ	151.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

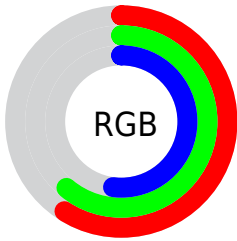
Format	Color
RYB	132, 156, 137
Decimal	9936004
CIELab	63.36, -6.18, 11.98
CIELCh	63, 13.480, 117.266
Yxy	32.0222, 0.3300, 0.3667
Android (android.graphics.Color)	4288126084 (0xFF979C84)
YUV	151.7690, -9.7461, -0.6744
Hunter-Lab	56.5882, -8.1287, 11.8614

Details

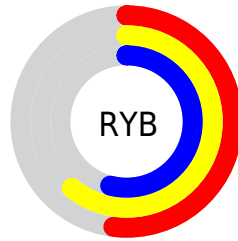
The Yxy color **32.0222, 0.3300, 0.3667** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2141, 0.2938, 0.2896**, and the grayscale version is **31.3372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5751, 0.3265, 0.3585**, and **13.4370, 0.3347, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **31.3226, 0.3413, 0.3925**, and if you desaturate by 10%, it is **32.7970, 0.3187, 0.3419**.

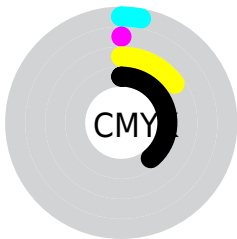
Distribution



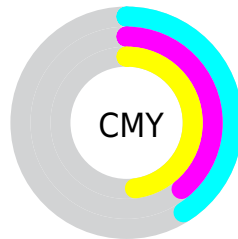
- Red (59%)
- Green (61%)
- Blue (52%)



- Red (52%)
- Yellow (61%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)





- Cyan (41%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0222, 0.3300, 0.3667 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 32.0222, 0.3300, 0.3667 by changing the saturation by 10% instead.


 32.0222, 0.3300,
0.3667

 32.0222, 0.3300,
0.3667


311.2204, 0.3210,
0.3464

 21.3785, 0.3324,
0.3723


 62.8459, 0.3266,
0.3589

 13.4009, 0.3355,
0.3798


 83.7946, 0.3254,
0.3562

 7.7052, 0.3398,
0.3905


 108.9471, 0.3243,
0.3538

 3.9069, 0.3459,
0.4068

138.6879, 0.3235,
0.3519

 1.6216, 0.3565,
0.4358

173.4011, 0.3227,
0.3502

 0.3721, 0.3529,
0.6471

213.4714, 0.3221,

 0.0000, 0.0000,

0.3488

0.0000

259.2830, 0.3215,
0.3475

■ 32.0222, 0.3300,
0.3667

■ 32.0222, 0.3300,
0.3667

■ 31.3226, 0.3413,
0.3925

■ 32.7970, 0.3187,
0.3419

■ 30.6910, 0.3521,
0.4185

■ 33.6455, 0.3077,
0.3184

■ 30.1258, 0.3622,
0.4440

■ 34.5716, 0.2971,
0.2965

■ 29.6236, 0.3708,
0.4680

■ 35.5779, 0.2872,
0.2764

■ 29.1807, 0.3776,
0.4893

■ 36.6665, 0.2779,
0.2580

■ 28.7930, 0.3822,
0.5072

■ 37.8398, 0.2693,
0.2413

■ 28.4557, 0.3843,
0.5208

■ 39.0998, 0.2614,
0.2263

■ 28.1626, 0.3840,
0.5300

■ 40.3331, 0.2552,
0.2143

■ 28.0353, 0.3835,
0.5337

■ 40.7174, 0.2576,
0.2150

Harmonies

Analogous

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



32.0222, 0.3471, 0.3631



32.0222, 0.3300, 0.3667



32.0222, 0.3087, 0.3593

Triad

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



32.0222, 0.3300, 0.3667



32.0222, 0.2722, 0.3055



32.0222, 0.3365, 0.3153

Complementary

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



32.0222, 0.3300, 0.3667



24.2141, 0.2938, 0.2896

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.



32.0222, 0.3157, 0.3012



32.0222, 0.3300, 0.3667



32.0222, 0.2790, 0.2952

Square

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



32.0222, 0.3300, 0.3667



32.0222, 0.2758, 0.3229



32.0222, 0.2947, 0.2938



32.0222, 0.3511, 0.3331

Rectangle

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



32.0222, 0.3300, 0.3667



32.0222, 0.2950, 0.3491



32.0222, 0.2947, 0.2938



32.0222, 0.3300, 0.3100

Sweetspot

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



32.0236, 0.3300, 0.3667



59.6122, 0.3184, 0.3411



26.5644, 0.3396, 0.3367



13.0962, 0.3191, 0.3427



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



32.0236, 0.3300, 0.3667



57.7733, 0.3334, 0.3743



30.9478, 0.3180, 0.3681



7.6509, 0.3231, 0.3513



23.1075, 0.3838, 0.5335



0.4293, 0.3990, 0.5214

Inverse Universe

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



24.2141, 0.2938, 0.2896



41.2018, 0.2897, 0.2813



25.2689, 0.3065, 0.2911



6.4983, 0.3018, 0.3061



2.2475, 0.1619, 0.0666



0.0558, 0.1967, 0.0857

Previews

White Background



This preview shows how the Yxy color 32.0222, 0.3300, 0.3667 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 32.0222, 0.3300, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

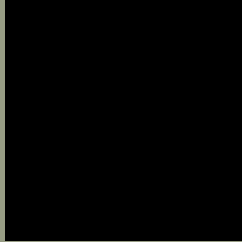
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

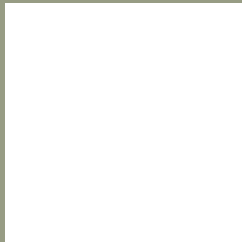
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0222, 0.3300, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 32.0222, 0.3300, 0.3667.



This preview shows how white text looks on a background with the Yxy color 32.0222, 0.3300, 0.3667.

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

32.0222, 0.3300, 0.3667

Protanopia

31.9712, 0.3431, 0.3642

Deuteranopia

32.0150, 0.3556, 0.3495



Tritanopia

32.2047, 0.3057, 0.3111

Trichromacy



Original Color

32.0222, 0.3300, 0.3667

Protanomaly

31.9180, 0.3376, 0.3646

Deuteranomaly

31.9337, 0.3460, 0.3561

Tritanomaly

31.9195, 0.3146, 0.3305

Monochromacy



Original Color

32.0222, 0.3300, 0.3667

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.5022, 0.3192, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0222, 0.3300, 0.3667 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, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(151, 156, 132)  
}
```

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, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 156, 132) }
```

Border

The CSS property to change the border of an element to Yxy 32.0222, 0.3300, 0.3667 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, 156, 132) }
```

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

```
.border{ border-color:rgb(151, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(151, 156,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0222, 0.3300, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 156, 132) }
```

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

```
.background{ background-color: rgb(151,  
156, 132) }
```

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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