

Converting Colors

$Y_{xy}(30.1262, 0.3340, 0.3605)$

Have a look what the booklet for
Yxy(30.1262, 0.3340, 0.3605)
contains.

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Color

Yxy(30.0998, 0.3342, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	989682
RGB	152, 150, 130
RGB Percent	60%, 59%, 51%
CMY	0.4038, 0.4118, 0.4902
CMYK	0.00, 0.01, 0.14, 0.40
HSL	54°, 10%, 55%
HSV	54°, 14%, 60%
XYZ	27.8884, 30.0998, 25.4601
YIQ	148.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

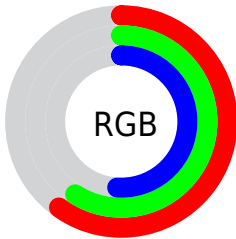
Format	Color
RYB	132, 152, 130
Decimal	10000002
CIELab	61.74, -2.84, 10.82
CIElCh	62, 11.186, 104.693
Yxy	30.0998, 0.3342, 0.3607
Android (android.graphics.Color)	4288190082 (0xFF989682)
YUV	148.3180, -9.0308, 3.2291
Hunter-Lab	54.8633, -5.2746, 10.8899

Details

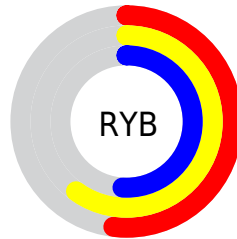
The Yxy color **30.0998, 0.3342, 0.3607** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5264, 0.2903, 0.2952**, and the grayscale version is **29.7923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7264, 0.3295, 0.3540**, and **12.2845, 0.3412, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **29.2775, 0.3497, 0.3832**, and if you desaturate by 10%, it is **30.9904, 0.3192, 0.3386**.

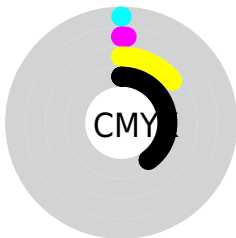
Distribution



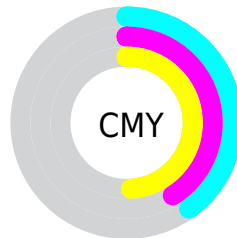
- Red (60%)
- Green (59%)
- Blue (51%)



- Red (52%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (40%)





- Cyan (40%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0998, 0.3342, 0.3607 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 30.0998, 0.3342, 0.3607 by changing the saturation by 10% instead.


 30.0998, 0.3342,
0.3607


 30.0998, 0.3342,
0.3607


 302.3694, 0.3227,
0.3436


 19.9144, 0.3373,
0.3654


 59.8200, 0.3299,
0.3541


 12.3328, 0.3415,
0.3718

 80.1235, 0.3283,
0.3518

 6.9708, 0.3473,
0.3809


 104.5685, 0.3270,
0.3498

 3.4438, 0.3560,
0.3949

 133.5393, 0.3259,
0.3482

 1.3676, 0.3738,
0.4226

 167.4205, 0.3249,
0.3468

 0.1927, 0.3715,
0.6285

 206.5962, 0.3241,

 0.0000, 0.0000,

0.3456

0.0000

251.4511, 0.3234,
0.3445

■ 30.0998, 0.3342,
0.3607

■ 30.0998, 0.3342,
0.3607

■ 29.2775, 0.3497,
0.3832

■ 30.9904, 0.3192,
0.3386

■ 28.5170, 0.3654,
0.4055

■ 31.9479, 0.3050,
0.3175

■ 27.8166, 0.3808,
0.4269

■ 32.9759, 0.2918,
0.2975

■ 27.1733, 0.3953,
0.4464

■ 34.0766, 0.2795,
0.2789

■ 26.5837, 0.4083,
0.4631

■ 35.2523, 0.2684,
0.2617

■ 26.0440, 0.4192,
0.4762

■ 36.5049, 0.2583,
0.2460

■ 25.5499, 0.4277,
0.4852

■ 37.8364, 0.2491,
0.2316

■ 25.0960, 0.4335,
0.4901

■ 39.2486, 0.2408,
0.2186

■ 24.8549, 0.4362,
0.4919

■ 39.9579, 0.2393,
0.2172

Harmonies

Analogous

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



30.0998, 0.3458, 0.3543



30.0998, 0.3342, 0.3607



30.0998, 0.3171, 0.3582

Triad

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



30.0998, 0.3342, 0.3607



30.0998, 0.2784, 0.3148



30.0998, 0.3259, 0.3118

Complementary

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



30.0998, 0.3342, 0.3607



23.5264, 0.2903, 0.2952

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.



30.0998, 0.3075, 0.3018



30.0998, 0.3342, 0.3607



30.0998, 0.2806, 0.3031

Square

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



30.0998, 0.3342, 0.3607



30.0998, 0.2851, 0.3310



30.0998, 0.2911, 0.2986



30.0998, 0.3409, 0.3261

Rectangle

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



30.0998, 0.3342, 0.3607



30.0998, 0.3049, 0.3517



30.0998, 0.2911, 0.2986



30.0998, 0.3199, 0.3078

Sweetspot

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



30.1011, 0.3342, 0.3607



56.3516, 0.3186, 0.3378



24.3160, 0.3362, 0.3255



12.4168, 0.3196, 0.3393



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.1011, 0.3342, 0.3607



54.2289, 0.3386, 0.3671



29.9364, 0.3245, 0.3648



7.1254, 0.3262, 0.3490



20.8558, 0.4361, 0.4920



0.3364, 0.4278, 0.4985

Inverse Universe

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



23.5264, 0.2903, 0.2952



40.2093, 0.2854, 0.2878



23.7072, 0.2997, 0.2927



6.1135, 0.2988, 0.3082



2.1872, 0.1522, 0.0680



0.0540, 0.1624, 0.1045

Previews

White Background



This preview shows how the Yxy color 30.0998, 0.3342, 0.3607 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 30.0998, 0.3342, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

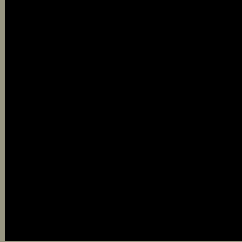
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0998, 0.3342, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 30.0998, 0.3342, 0.3607.



This preview shows how white text looks on a background with the Yxy color 30.0998, 0.3342, 0.3607.

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

30.0998, 0.3342, 0.3607

Protanopia

30.1478, 0.3397, 0.3604

Deuteranopia

30.1313, 0.3545, 0.3485



Tritanopia

30.0943, 0.3115, 0.3108

Trichromacy



Original Color

30.0998, 0.3342, 0.3607

Protanomaly

30.0484, 0.3386, 0.3605

Deuteranomaly

29.9830, 0.3461, 0.3520

Tritanomaly

29.9741, 0.3201, 0.3275

Monochromacy



Original Color

30.0998, 0.3342, 0.3607

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.8075, 0.3204, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0998, 0.3342, 0.3607 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(152, 150, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 150, 130)  
}
```

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(152, 150, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 150, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.0998, 0.3342, 0.3607 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(152, 150, 130) }
```

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

```
.border{ border-color:rgb(152, 150, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 150, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 150, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 150, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 150,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0998, 0.3342, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 150, 130) }
```

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

```
.background{ background-color: rgb(152,  
150, 130) }
```

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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