

Converting Colors

$Y_{xy}(33.3573, 0.3110, 0.3611)$

Have a look what the booklet for
Yxy(33.3573, 0.3110, 0.3611)
contains.

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Color

Yxy(33.4265, 0.3112, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	8DA28D
RGB	141, 162, 141
RGB Percent	55%, 64%, 55%
CMY	0.4468, 0.3647, 0.4470
CMYK	0.13, 0.00, 0.13, 0.36
HSL	120°, 10%, 59%
HSV	120°, 13%, 64%
XYZ	28.7198, 33.4265, 30.1411
YIQ	153.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

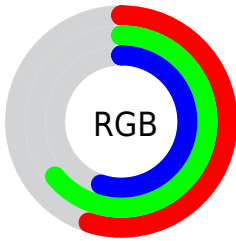
Format	Color
RYB	141, 162, 162
Decimal	9282189
CIELab	64.50, -11.48, 8.46
CIElCh	65, 14.261, 143.635
Yxy	33.4265, 0.3112, 0.3622
Android (android.graphics.Color)	4287472269 (0xFF8DA28D)
YUV	153.3270, -6.0772, -10.8108
Hunter-Lab	57.8157, -12.5078, 9.5613

Details

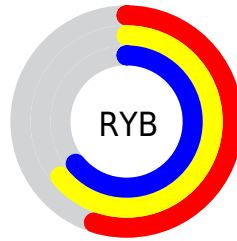
The Yxy color **33.4265, 0.3112, 0.3622** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3368, 0.3141, 0.2979**, and the grayscale version is **32.0387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1679, 0.3115, 0.3551**, and **14.1313, 0.3107, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **31.6646, 0.3098, 0.3917**, and if you desaturate by 10%, it is **35.4687, 0.3124, 0.3361**.

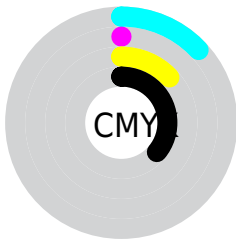
Distribution



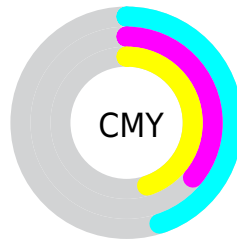
- Red (55%)
- Green (64%)
- Blue (55%)



- Red (55%)
- Yellow (64%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)




- Cyan (45%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4265, 0.3112, 0.3622 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 33.4265, 0.3112, 0.3622 by changing the saturation by 10% instead.


 33.4265, 0.3112,
0.3622

 33.4265, 0.3112,
0.3622


317.5672, 0.3122,
0.3443


 22.4534, 0.3109,
0.3671


 65.0408, 0.3116,
0.3554

 14.1904, 0.3104,
0.3738


 86.4508, 0.3118,
0.3529

 8.2532, 0.3096,
0.3832

 112.1086, 0.3119,
0.3509

 4.2574, 0.3082,
0.3977

142.3984, 0.3119,
0.3492

 1.8186, 0.3054,
0.4226

177.7048, 0.3120,
0.3477

 0.4987, 0.2797,
0.7203

218.4122, 0.3121,

 0.0000, 0.0000,

0.3464

0.0000

264.9048, 0.3121,
0.3453

■ 33.4265, 0.3112,
0.3622

■ 33.4265, 0.3112,
0.3622

■ 31.6646, 0.3098,
0.3917

■ 35.4687, 0.3124,
0.3361

■ 30.1666, 0.3084,
0.4241

■ 37.7981, 0.3134,
0.3133

■ 28.9212, 0.3067,
0.4588

■ 40.4268, 0.3143,
0.2935

■ 27.9145, 0.3051,
0.4940

■ 43.3648, 0.3151,
0.2765

■ 27.1313, 0.3035,
0.5275

■ 46.6218, 0.3157,
0.2620

■ 26.5544, 0.3021,
0.5567

■ 50.2069, 0.3163,
0.2495

■ 26.1645, 0.3011,
0.5792

■ 54.1290, 0.3168,
0.2387

■ 25.9385, 0.3004,
0.5934

■ 54.3170, 0.3170,
0.2384

■ 25.8392, 0.3001,
0.6000

Harmonies

Analogous

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



33.4265, 0.3332, 0.3685



33.4265, 0.3112, 0.3622



33.4265, 0.2901, 0.3459

Triad

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



33.4265, 0.3112, 0.3622



33.4265, 0.2761, 0.2945



33.4265, 0.3514, 0.3309

Complementary

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



33.4265, 0.3112, 0.3622



29.3368, 0.3141, 0.2979

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.



33.4265, 0.3351, 0.3127



33.4265, 0.3112, 0.3622



33.4265, 0.2915, 0.2920

Square

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



33.4265, 0.3112, 0.3622



33.4265, 0.2704, 0.3063



33.4265, 0.3130, 0.2987



33.4265, 0.3570, 0.3494

Rectangle

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



33.4265, 0.3112, 0.3622



33.4265, 0.2793, 0.3321



33.4265, 0.3130, 0.2987



33.4265, 0.3470, 0.3246

Sweetspot

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



33.4279, 0.3112, 0.3622



63.9576, 0.3123, 0.3388



35.3177, 0.3317, 0.3597



14.3011, 0.3122, 0.3407



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.



33.4279, 0.3112, 0.3622



59.5660, 0.3108, 0.3717



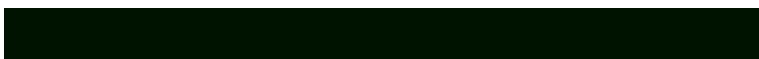
33.7399, 0.3025, 0.3459



7.8957, 0.3117, 0.3522



20.3599, 0.3001, 0.6000



0.4280, 0.3003, 0.5997

Inverse Universe

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



29.3368, 0.3141, 0.2979



50.4261, 0.3145, 0.2897



28.9952, 0.3244, 0.3127



7.2014, 0.3137, 0.3068



8.0790, 0.3204, 0.1539



0.1700, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 33.4265, 0.3112, 0.3622 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 33.4265, 0.3112, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

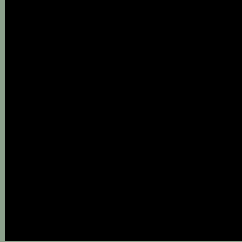
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4265, 0.3112, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 33.4265, 0.3112, 0.3622.



This preview shows how white text looks on a background with the Yxy color 33.4265, 0.3112, 0.3622.

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

33.4265, 0.3112, 0.3622

Protanopia

33.3984, 0.3367, 0.3560

Deuteranopia

33.3465, 0.3465, 0.3406



Tritanopia

33.4670, 0.2911, 0.3109

Trichromacy



Original Color

33.4265, 0.3112, 0.3622

Protanomaly

33.2864, 0.3271, 0.3582

Deuteranomaly

33.1822, 0.3330, 0.3485

Tritanomaly

33.2288, 0.2986, 0.3290

Monochromacy



Original Color

33.4265, 0.3112, 0.3622

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3364, 0.3122, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4265, 0.3112, 0.3622 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(141, 162, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 141)  
}
```

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(141, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 141) }
```

Border

The CSS property to change the border of an element to Yxy 33.4265, 0.3112, 0.3622 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(141, 162, 141) }
```

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

```
.border{ border-color:rgb(141, 162, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4265, 0.3112, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 141) }
```

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

```
.background{ background-color: rgb(141,  
162, 141) }
```

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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