

Converting Colors

$Y_{xy}(29.3179, 0.3266, 0.3666)$

Have a look what the booklet for
Yxy(29.3179, 0.3266, 0.3666)
contains.

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Color

$Y_{xy}(29.2108, 0.3265, 0.3650)$

Conversions

Conversions Part 1

Format	Color
Hex	8F9680
RGB	143, 150, 128
RGB Percent	56%, 59%, 50%
CMY	0.4393, 0.4117, 0.4980
CMYK	0.05, 0.00, 0.15, 0.41
HSL	79°, 9%, 55%
HSV	79°, 15%, 59%
XYZ	26.1297, 29.2108, 24.6891
YIQ	145.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

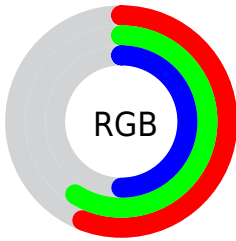
Format	Color
R_{YB}	128, 150, 135
Decimal	9410176
CIE _{Lab}	60.97, -6.64, 10.74
CIE _{LCh}	61, 12.631, 121.724
Yxy	29.2108, 0.3265, 0.3650
Android (android.graphics.Color)	4287600256 (0xFF8F9680)
YUV	145.3990, -8.5777, -2.1039
Hunter-Lab	54.0470, -8.2844, 10.7487

Details

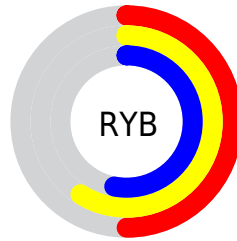
The Yxy color **29.2108, 0.3265, 0.3650** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7992, 0.2975, 0.2921**, and the grayscale version is **28.5212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3922, 0.3238, 0.3570**, and **11.8153, 0.3315, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **28.4276, 0.3359, 0.3912**, and if you desaturate by 10%, it is **30.0732, 0.3171, 0.3401**.

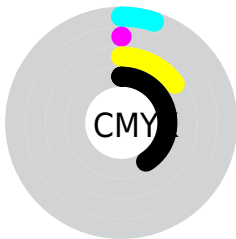
Distribution



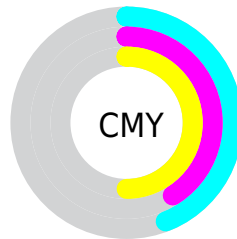
- Red (56%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)




- Cyan (44%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2108, 0.3265, 0.3650 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 29.2108, 0.3265, 0.3650 by changing the saturation by 10% instead.

 29.2108, 0.3265,
0.3650


 29.2108, 0.3265,
0.3650


298.2083, 0.3192,
0.3453

 19.2403, 0.3284,
0.3706


 58.4118, 0.3238,
0.3574

 11.8441, 0.3310,
0.3781


 78.4112, 0.3228,
0.3547

 6.6376, 0.3346,
0.3890


 102.5223, 0.3219,
0.3524

 3.2365, 0.3397,
0.4061

131.1296, 0.3212,
0.3506

 1.2564, 0.3539,
0.4442

164.6175, 0.3206,
0.3490

 0.1071, 0.0000,
1.0000

203.3703, 0.3201,

 0.0000, 0.0000,

0.3476

0.0000

247.7724, 0.3196,
0.3464

■ 29.2108, 0.3265,
0.3650

■ 29.2108, 0.3265,
0.3650

■ 28.4276, 0.3359,
0.3912

■ 30.0732, 0.3171,
0.3401

■ 27.7169, 0.3448,
0.4182

■ 31.0136, 0.3078,
0.3168

■ 27.0772, 0.3529,
0.4452

■ 32.0358, 0.2989,
0.2953

■ 26.5051, 0.3597,
0.4711

■ 33.1420, 0.2905,
0.2757

■ 25.9973, 0.3648,
0.4948

■ 34.3346, 0.2826,
0.2580

■ 25.5497, 0.3677,
0.5153

■ 35.6157, 0.2752,
0.2419

■ 25.1580, 0.3682,
0.5315

■ 36.9874, 0.2684,
0.2275

■ 24.8165, 0.3664,
0.5431

■ 38.4517, 0.2622,
0.2146

■ 24.6470, 0.3650,
0.5484

■ 39.4828, 0.2614,
0.2096

Harmonies

Analogous

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



29.2108, 0.3440, 0.3631



29.2108, 0.3265, 0.3650



29.2108, 0.3058, 0.3564

Triad

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



29.2108, 0.3265, 0.3650



29.2108, 0.2739, 0.3043



29.2108, 0.3383, 0.3182

Complementary

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



29.2108, 0.3265, 0.3650



22.7992, 0.2975, 0.2921

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.



29.2108, 0.3187, 0.3038



29.2108, 0.3265, 0.3650



29.2108, 0.2819, 0.2955

Square

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



29.2108, 0.3265, 0.3650



29.2108, 0.2758, 0.3203



29.2108, 0.2981, 0.2955



29.2108, 0.3510, 0.3357

Rectangle

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



29.2108, 0.3265, 0.3650



29.2108, 0.2929, 0.3458



29.2108, 0.2981, 0.2955



29.2108, 0.3323, 0.3129

Sweetspot

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



29.2121, 0.3265, 0.3650



53.1605, 0.3165, 0.3387



25.3662, 0.3374, 0.3405



11.7565, 0.3172, 0.3404



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



29.2121, 0.3265, 0.3650



51.0214, 0.3300, 0.3746



28.2830, 0.3151, 0.3663



6.6528, 0.3213, 0.3512



20.4577, 0.3654, 0.5481



0.2662, 0.3915, 0.5274

Inverse Universe

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



22.7992, 0.2975, 0.2921



37.2050, 0.2932, 0.2820



23.7540, 0.3098, 0.2934



5.7174, 0.3036, 0.3065



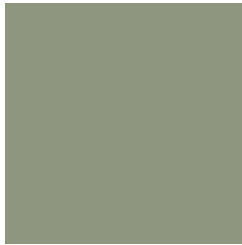
2.3606, 0.1748, 0.0736



0.0434, 0.2215, 0.0994

Previews

White Background



This preview shows how the Yxy color 29.2108, 0.3265, 0.3650 looks on a white background.

Color Contrast Check

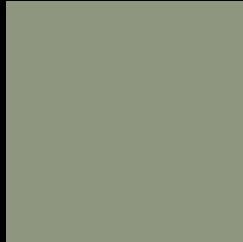
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2108, 0.3265, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

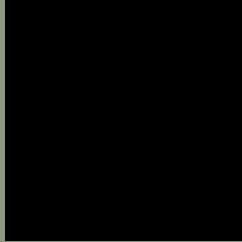
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2108, 0.3265, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 29.2108, 0.3265, 0.3650.



This preview shows how white text looks on a background with the Yxy color 29.2108, 0.3265, 0.3650.

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

29.2108, 0.3265, 0.3650

Protanopia

29.2438, 0.3411, 0.3624

Deuteranopia

29.1732, 0.3528, 0.3473



Tritanopia

29.1951, 0.3033, 0.3118

Trichromacy



Original Color

29.2108, 0.3265, 0.3650

Protanomaly

29.1961, 0.3354, 0.3627

Deuteranomaly

29.1049, 0.3429, 0.3541

Tritanomaly

29.0538, 0.3126, 0.3306

Monochromacy



Original Color

29.2108, 0.3265, 0.3650

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6608, 0.3173, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2108, 0.3265, 0.3650 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(143, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 128)  
}
```

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(143, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 128) }
```

Border

The CSS property to change the border of an element to Yxy 29.2108, 0.3265, 0.3650 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(143, 150, 128) }
```

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

```
.border{ border-color:rgb(143, 150, 128) }
```

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

Here you see how a box with a 4 pixel rgb(143, 150, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2108, 0.3265, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 128) }
```

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

```
.background{ background-color: rgb(143,  
150, 128) }
```

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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