

Converting Colors

$Y_{xy}(36.8783, 0.3113, 0.3773)$

Have a look what the booklet for
Yxy(36.8783, 0.3113, 0.3773)
contains.

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Color

Yxy(36.6820, 0.3113, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	8DAB8C
RGB	141, 171, 140
RGB Percent	55%, 67%, 55%
CMY	0.4473, 0.3293, 0.4510
CMYK	0.18, 0.00, 0.18, 0.33
HSL	118°, 16%, 61%
HSV	118°, 18%, 67%
XYZ	30.2733, 36.6820, 30.2928
YIQ	158.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

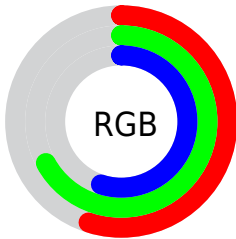
Format	Color
RYB	140, 171, 170
Decimal	9284492
CIELab	67.04, -16.46, 12.60
CIELCh	67, 20.730, 142.553
Yxy	36.6820, 0.3113, 0.3772
Android (android.graphics.Color)	4287474572 (0xFF8DAB8C)
YUV	158.4960, -9.1185, -15.3440
Hunter-Lab	60.5657, -16.7679, 12.7412

Details

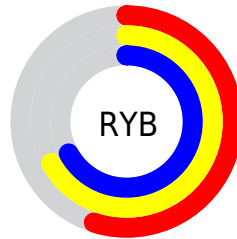
The Yxy color **36.6820, 0.3113, 0.3772** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2490, 0.3138, 0.2849**, and the grayscale version is **34.4701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8899, 0.3116, 0.3664**, and **16.1055, 0.3097, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **34.8722, 0.3103, 0.4083**, and if you desaturate by 10%, it is **38.7908, 0.3121, 0.3493**.

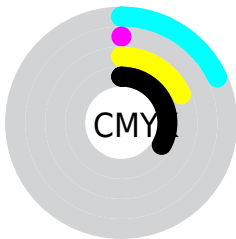
Distribution



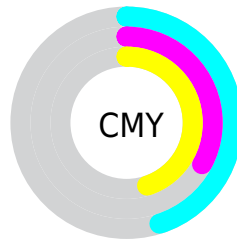
- Red (55%)
- Green (67%)
- Blue (55%)



- Red (55%)
- Yellow (67%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (45%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6820, 0.3113, 0.3772 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 36.6820, 0.3113, 0.3772 by changing the saturation by 10% instead.


 36.6820, 0.3113,
0.3772


 36.6820, 0.3113,
0.3772


331.9317, 0.3124,
0.3514

 24.9614, 0.3109,
0.3842


 70.0834, 0.3118,
0.3674

 16.0483, 0.3102,
0.3937


 92.5330, 0.3120,
0.3639

 9.5583, 0.3091,
0.4069


 119.3277, 0.3121,
0.3609

 5.1071, 0.3071,
0.4270

150.8519, 0.3122,
0.3584

 2.3102, 0.3028,
0.4605

187.4900, 0.3122,
0.3563

 0.7791, 0.3030,
0.6970


229.6264, 0.3123,

 0.0000, 0.0000,

0.3545


0.0000


277.6455, 0.3124,
0.3528


 36.6820, 0.3113,
0.3772


 36.6820, 0.3113,
0.3772


 34.8722, 0.3103,
0.4083


 38.7908, 0.3121,
0.3493


 33.3436, 0.3090,
0.4420

 41.2064, 0.3128,
0.3247

 32.0833, 0.3076,
0.4770

 43.9420, 0.3134,
0.3033


 31.0760, 0.3061,
0.5115

 47.0088, 0.3138,
0.2847

 30.3045, 0.3045,
0.5431


 50.4172, 0.3141,
0.2688


 29.7497, 0.3030,
0.5691

 54.1775, 0.3144,
0.2551

 29.3894, 0.3017,
0.5874

 57.6125, 0.3166,
0.2469

 29.1932, 0.3008,
0.5978

 29.1663, 0.3007,
0.5994

Harmonies

Analogous

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



36.6820, 0.3422, 0.3852



36.6820, 0.3113, 0.3772



36.6820, 0.2818, 0.3540

Triad

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



36.6820, 0.3113, 0.3772



36.6820, 0.2612, 0.2811



36.6820, 0.3669, 0.3302

Complementary

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



36.6820, 0.3113, 0.3772



30.2490, 0.3138, 0.2849

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.



36.6820, 0.3431, 0.3053



36.6820, 0.3113, 0.3772



36.6820, 0.2819, 0.2776

Square

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



36.6820, 0.3113, 0.3772



36.6820, 0.2538, 0.2974



36.6820, 0.3116, 0.2865



36.6820, 0.3753, 0.3560

Rectangle

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



36.6820, 0.3113, 0.3772



36.6820, 0.2667, 0.3341



36.6820, 0.3116, 0.2865



36.6820, 0.3604, 0.3215

Sweetspot

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



36.6836, 0.3113, 0.3772



70.7171, 0.3124, 0.3414



39.2965, 0.3397, 0.3718



15.7063, 0.3123, 0.3432



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.6836, 0.3113, 0.3772



64.2422, 0.3109, 0.3900



37.0563, 0.2988, 0.3543



8.9506, 0.3121, 0.3524



21.9863, 0.3008, 0.5993



0.6153, 0.3045, 0.5964

Inverse Universe

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



30.2490, 0.3138, 0.2849



50.4408, 0.3140, 0.2743



29.8329, 0.3294, 0.3050



8.1354, 0.3133, 0.3066



8.3134, 0.3134, 0.1500



0.2351, 0.3158, 0.1514

Previews

White Background



This preview shows how the Yxy color 36.6820, 0.3113, 0.3772 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 36.6820, 0.3113, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

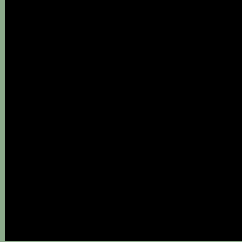
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6820, 0.3113, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 36.6820, 0.3113, 0.3772.



This preview shows how white text looks on a background with the Yxy color 36.6820, 0.3113, 0.3772.

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

36.6820, 0.3113, 0.3772

Protanopia

36.3889, 0.3463, 0.3666

Deuteranopia

36.5362, 0.3553, 0.3484



Tritanopia

36.7302, 0.2853, 0.3100

Trichromacy



Original Color

36.6820, 0.3113, 0.3772

Protanomaly

36.2935, 0.3336, 0.3707

Deuteranomaly

36.3397, 0.3387, 0.3580

Tritanomaly

36.7416, 0.2947, 0.3334

Monochromacy



Original Color

36.6820, 0.3113, 0.3772

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.1042, 0.3128, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6820, 0.3113, 0.3772 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, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 171, 140)  
}
```

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, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 171, 140) }
```

Border

The CSS property to change the border of an element to Yxy 36.6820, 0.3113, 0.3772 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, 171, 140) }
```

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

```
.border{ border-color:rgb(141, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 171,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6820, 0.3113, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 171, 140) }
```

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

```
.background{ background-color: rgb(141,  
171, 140) }
```

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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