

Converting Colors

$Yxy(30.9113, 0.2998, 0.3391)$

Have a look what the booklet for
Yxy(30.9113, 0.2998, 0.3391)
contains.

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Color

Yxy(30.8469, 0.2997, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	889B95
RGB	136, 155, 149
RGB Percent	53%, 61%, 58%
CMY	0.4666, 0.3922, 0.4157
CMYK	0.12, 0.00, 0.04, 0.39
HSL	161°, 9%, 57%
HSV	161°, 12%, 61%
XYZ	27.3031, 30.8469, 32.9513
YIQ	148.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

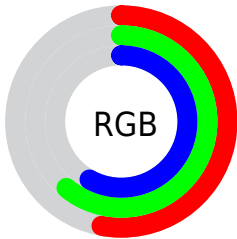
Format	Color
RYB	136, 147, 155
Decimal	8952725
CIELab	62.38, -7.93, 0.86
CIELCh	62, 7.974, 173.823
Yxy	30.8469, 0.2997, 0.3386
Android (android.graphics.Color)	4287142805 (0xFF889B95)
YUV	148.6350, 0.1799, -11.0809
Hunter-Lab	55.5400, -9.4457, 3.7018

Details

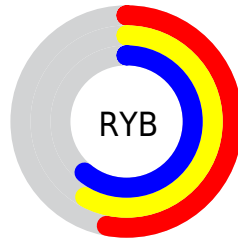
The Yxy color **30.8469, 0.2997, 0.3386** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5377, 0.3277, 0.3196**, and the grayscale version is **29.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7315, 0.3021, 0.3362**, and **12.7609, 0.2956, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **29.4895, 0.2895, 0.3473**, and if you desaturate by 10%, it is **32.4012, 0.3103, 0.3307**.

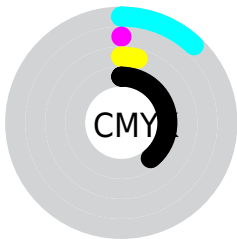
Distribution



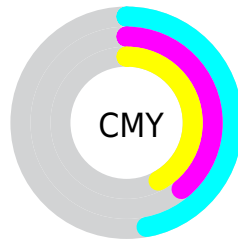
- Red (53%)
- Green (61%)
- Blue (58%)



- Red (53%)
- Yellow (58%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8469, 0.2997, 0.3386 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 30.8469, 0.2997, 0.3386 by changing the saturation by 10% instead.

■ 30.8469, 0.2997,
0.3386

■ 30.8469, 0.2997,
0.3386

305.8324, 0.3067,
0.3335

■ 20.4823, 0.2978,
0.3400

■ 60.9990, 0.3024,
0.3366

■ 12.7461, 0.2952,
0.3419

■ 81.5552, 0.3033,
0.3359

■ 7.2540, 0.2916,
0.3446

■ 106.2774, 0.3041,
0.3353

■ 3.6214, 0.2861,
0.3488

135.5500, 0.3048,
0.3348

■ 1.4641, 0.2767,
0.3559

169.7575, 0.3054,
0.3344

■ 0.2633, 0.1037,
0.4816

209.2841, 0.3059,

■ 0.0000, 0.0000,

0.3341

0.0000

254.5142, 0.3063,
0.3337

■ 30.8469, 0.2997,
0.3386

■ 30.8469, 0.2997,
0.3386

■ 29.4895, 0.2895,
0.3473

■ 32.4012, 0.3103,
0.3307

■ 28.3170, 0.2801,
0.3569

■ 34.1560, 0.3211,
0.3235

■ 27.3219, 0.2717,
0.3671

■ 36.1199, 0.3320,
0.3172

■ 26.4950, 0.2645,
0.3780

■ 38.2997, 0.3428,
0.3115

■ 25.8259, 0.2589,
0.3894

■ 40.7020, 0.3533,
0.3066

■ 25.3032, 0.2550,
0.4011

■ 43.3329, 0.3635,
0.3022

■ 24.9139, 0.2531,
0.4130

■ 46.1985, 0.3733,
0.2984

■ 24.6426, 0.2530,
0.4248

■ 48.3392, 0.3781,
0.2945

■ 24.4833, 0.2539,
0.4339

■ 48.5541, 0.3732,
0.2895

Harmonies

Analogous

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



30.8469, 0.3119, 0.3477



30.8469, 0.2997, 0.3386



30.8469, 0.2910, 0.3269

Triad

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



30.8469, 0.2997, 0.3386



30.8469, 0.3006, 0.3074



30.8469, 0.3380, 0.3411

Complementary

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



30.8469, 0.2997, 0.3386



26.5377, 0.3277, 0.3196

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.



30.8469, 0.3349, 0.3304



30.8469, 0.2997, 0.3386



30.8469, 0.3131, 0.3113

Square

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



30.8469, 0.2997, 0.3386



30.8469, 0.2916, 0.3091



30.8469, 0.3257, 0.3196



30.8469, 0.3342, 0.3489

Rectangle

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



30.8469, 0.2997, 0.3386



30.8469, 0.2884, 0.3194



30.8469, 0.3257, 0.3196



30.8469, 0.3377, 0.3378

Sweetspot

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



30.8482, 0.2997, 0.3386



57.4916, 0.3083, 0.3321



30.9737, 0.3172, 0.3596



12.9663, 0.3076, 0.3326



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.



30.8482, 0.2997, 0.3386



54.4692, 0.2965, 0.3412



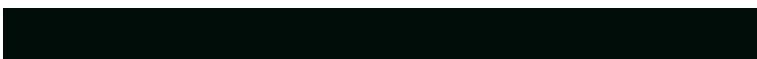
29.9035, 0.2944, 0.3234



6.9933, 0.3029, 0.3361



19.6733, 0.2536, 0.4329



0.3006, 0.2393, 0.3816

Inverse Universe

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



26.5377, 0.3277, 0.3196



45.0206, 0.3320, 0.3172



27.3584, 0.3335, 0.3346



6.2532, 0.3236, 0.3220



5.7812, 0.5651, 0.2886



0.0925, 0.4602, 0.2309

Previews

White Background



This preview shows how the Yxy color 30.8469, 0.2997, 0.3386 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 30.8469, 0.2997, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

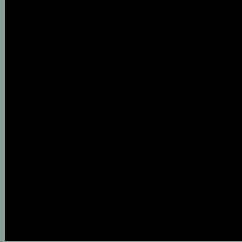
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

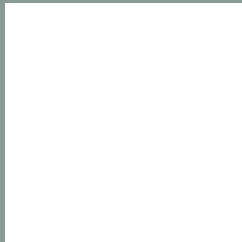
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8469, 0.2997, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 30.8469, 0.2997, 0.3386.

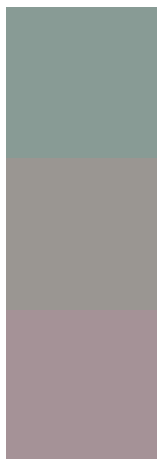


This preview shows how white text looks on a background with the Yxy color 30.8469, 0.2997, 0.3386.

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

30.8469, 0.2997, 0.3386

Protanopia

30.7580, 0.3206, 0.3352

Deuteranopia

30.7915, 0.3278, 0.3216



Tritanopia

30.9880, 0.2887, 0.3103

Trichromacy



Original Color

30.8469, 0.2997, 0.3386

Protanomaly

30.7661, 0.3123, 0.3369

Deuteranomaly

30.5669, 0.3169, 0.3275

Tritanomaly

31.0177, 0.2929, 0.3211

Monochromacy



Original Color

30.8469, 0.2997, 0.3386

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2324, 0.3076, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8469, 0.2997, 0.3386 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(136, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(136, 155, 149)  
}
```

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(136, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 155, 149) }
```

Border

The CSS property to change the border of an element to Yxy 30.8469, 0.2997, 0.3386 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(136, 155, 149) }
```

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

```
.border{ border-color:rgb(136, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(136, 155,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8469, 0.2997, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 155, 149) }
```

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

```
.background{ background-color: rgb(136,  
155, 149) }
```

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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