

Converting Colors

Yxy(30.6228, 0.3421, 0.4148)

Have a look what the booklet for
Yxy(30.6228, 0.3421, 0.4148)
contains.

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Color

Yxy(30.6228, 0.3421, 0.4148)

Conversions

Conversions Part 1

Format	Color
Hex	8B9D69
RGB	139, 157, 105
RGB Percent	55%, 62%, 41%
CMY	0.4549, 0.3843, 0.5882
CMYK	0.11, 0.00, 0.33, 0.38
HSL	81°, 21%, 51%
HSV	81°, 33%, 62%
XYZ	25.2557, 30.6228, 17.9470
YIQ	145.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

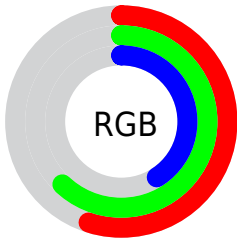
Format	Color
RYB	105, 157, 123
Decimal	9149801
CIELab	62.19, -15.57, 25.15
CIELCh	62, 29.578, 121.761
Yxy	30.6228, 0.3421, 0.4148
Android (android.graphics.Color)	4287339881 (0xFF8B9D69)
YUV	145.6900, -20.0602, -5.8671
Hunter-Lab	55.3379, -15.3755, 19.5078

Details

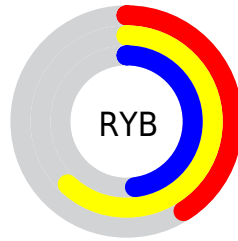
The Yxy color **30.6228, 0.3421, 0.4148** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7511, 0.2751, 0.2387**, and the grayscale version is **28.6943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8587, 0.3365, 0.3967**, and **12.6782, 0.3493, 0.4466** is the 20% darker color. If you saturate the color by 10%, you get **29.8743, 0.3499, 0.4422**, and if you desaturate by 10%, it is **31.4569, 0.3335, 0.3876**.

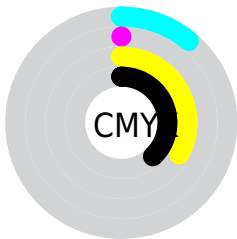
Distribution



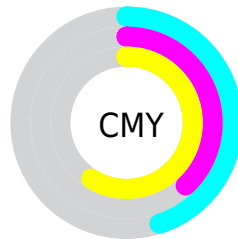
- Red (55%)
- Green (62%)
- Blue (41%)



- Red (41%)
- Yellow (62%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (38%)





- Cyan (45%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6228, 0.3421, 0.4148 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 30.6228, 0.3421, 0.4148 by changing the saturation by 10% instead.


 30.6228, 0.3421,
0.4148


 30.6228, 0.3421,
0.4148


304.7968, 0.3274,
0.3677


 20.3118, 0.3456,
0.4280


 60.6457, 0.3369,
0.3966


 12.6219, 0.3497,
0.4460


 81.1264, 0.3349,
0.3901

 7.1687, 0.3546,
0.4714


 105.7658, 0.3331,
0.3847

 3.5678, 0.3595,
0.5096

 134.9483, 0.3317,
0.3802

 1.4349, 0.3865,
0.6135

169.0582, 0.3304,
0.3764

 0.2422, 0.0000,
1.0000

208.4800, 0.3293,

 0.0000, 0.0000,

0.3731

0.0000

253.5981, 0.3283,
0.3702

■ 30.6228, 0.3421,
0.4148

■ 30.6228, 0.3421,
0.4148

■ 29.8743, 0.3499,
0.4422

■ 31.4569, 0.3335,
0.3876

■ 29.2037, 0.3565,
0.4689

■ 32.3758, 0.3245,
0.3612

■ 28.6083, 0.3614,
0.4936


■ 33.3841, 0.3155,
0.3364


■ 28.0840, 0.3641,
0.5151


■ 34.4847, 0.3067,
0.3133

■ 27.6255, 0.3645,
0.5325

■ 35.6805, 0.2982,
0.2921

 27.2273, 0.3626,
0.5451

 36.9741, 0.2901,
0.2728

 26.9782, 0.3604,
0.5520

 38.3682, 0.2826,
0.2554

 39.8650, 0.2756,
0.2397

 41.4671, 0.2691,
0.2257

Harmonies

Analogous

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



30.6228, 0.3831, 0.4064



30.6228, 0.3421, 0.4148



30.6228, 0.2951, 0.3952

Triad

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



30.6228, 0.3421, 0.4148



30.6228, 0.2270, 0.2712



30.6228, 0.3718, 0.3039

Complementary

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



30.6228, 0.3421, 0.4148



16.7511, 0.2751, 0.2387

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.



30.6228, 0.3253, 0.2738



30.6228, 0.3421, 0.4148



30.6228, 0.2437, 0.2543

Square

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



30.6228, 0.3421, 0.4148



30.6228, 0.2307, 0.3063



30.6228, 0.2785, 0.2559



30.6228, 0.4022, 0.3409

Rectangle

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



30.6228, 0.3421, 0.4148



30.6228, 0.2667, 0.3686



30.6228, 0.2785, 0.2559



30.6228, 0.3573, 0.2928

Sweetspot

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



30.6241, 0.3421, 0.4148



58.4919, 0.3219, 0.3538



22.1914, 0.3780, 0.3576



12.8204, 0.3231, 0.3571



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.



30.6241, 0.3421, 0.4148



53.8030, 0.3482, 0.4358



28.6902, 0.3164, 0.4221



7.6054, 0.3210, 0.3515



21.9320, 0.3608, 0.5517



0.4147, 0.3854, 0.5322

Inverse Universe

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



16.7511, 0.2751, 0.2387



24.9220, 0.2642, 0.2151



18.8672, 0.3057, 0.2464



6.5413, 0.3039, 0.3063



2.6406, 0.1782, 0.0755



0.0695, 0.2233, 0.1004

Previews

White Background



This preview shows how the Yxy color 30.6228, 0.3421, 0.4148 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 30.6228, 0.3421, 0.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

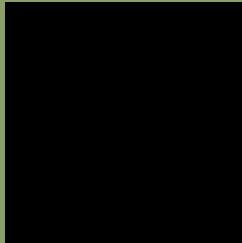
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6228, 0.3421, 0.4148

Background



This preview shows how black text looks on a background with the Yxy color 30.6228, 0.3421, 0.4148.



This preview shows how white text looks on a background with the Yxy color 30.6228, 0.3421, 0.4148.

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

30.6228, 0.3421, 0.4148

Protanopia

30.4534, 0.3730, 0.4027

Deuteranopia

30.4942, 0.3881, 0.3813



Tritanopia

30.6244, 0.2987, 0.3105

Trichromacy



Original Color

30.6228, 0.3421, 0.4148

Protanomaly

30.6318, 0.3617, 0.4078

Deuteranomaly

30.4489, 0.3708, 0.3932

Tritanomaly

30.6348, 0.3148, 0.3482

Monochromacy



Original Color

30.6228, 0.3421, 0.4148

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2910, 0.3236, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6228, 0.3421, 0.4148 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(139, 157, 105)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 105)  
}
```

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(139, 157, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 105) }
```

Border

The CSS property to change the border of an element to Yxy 30.6228, 0.3421, 0.4148 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(139, 157, 105) }
```

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

```
.border{ border-color:rgb(139, 157, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 157, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 157, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 157, 105);  
box-shadow:4px 4px 4px 4px rgb(139, 157,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6228, 0.3421, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 105) }
```

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

```
.background{ background-color: rgb(139,  
157, 105) }
```

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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