

Converting Colors

$Y_{xy}(28.0131, 0.3418, 0.4069)$

Have a look what the booklet for
Yxy(28.0131, 0.3418, 0.4069)
contains.

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Color

Yxy(28.0464, 0.3421, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	889668
RGB	136, 150, 104
RGB Percent	53%, 59%, 41%
CMY	0.4665, 0.4118, 0.5922
CMYK	0.09, 0.00, 0.31, 0.41
HSL	78°, 18%, 50%
HSV	78°, 31%, 59%
XYZ	23.5626, 28.0464, 17.2673
YIQ	140.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

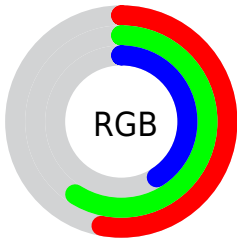
Format	Color
RYB	104, 150, 118
Decimal	8951400
CIELab	59.93, -13.19, 22.66
CIElCh	60, 26.218, 120.203
Yxy	28.0464, 0.3421, 0.4072
Android (android.graphics.Color)	4287141480 (0xFF889668)
YUV	140.5700, -18.0290, -4.0079
Hunter-Lab	52.9589, -13.2594, 17.7397

Details

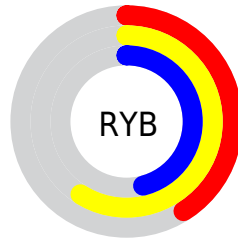
The Yxy color $28.0464, 0.3421, 0.4072$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.9504, 0.2763, 0.2459$, and the grayscale version is $26.5315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5332, 0.3364, 0.3895$, and $11.1876, 0.3517, 0.4366$ is the 20% darker color. If you saturate the color by 10%, you get $27.3962, 0.3509, 0.4341$, and if you desaturate by 10%, it is $28.7694, 0.3327, 0.3806$.

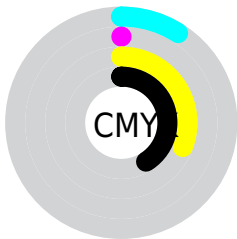
Distribution



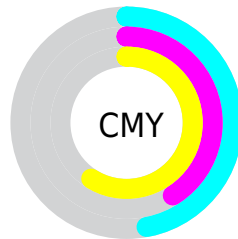
- Red (53%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (46%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)





- Cyan (47%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0464, 0.3421, 0.4072 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 28.0464, 0.3421, 0.4072 by changing the saturation by 10% instead.

 28.0464, 0.3421,
0.4072


 28.0464, 0.3421,
0.4072

292.6886, 0.3270,
0.3638

 18.3606, 0.3458,
0.4196


 56.5585, 0.3366,
0.3903

 11.2092, 0.3505,
0.4366


 76.1537, 0.3345,
0.3843

 6.2077, 0.3563,
0.4610


 99.8207, 0.3328,
0.3793

 2.9718, 0.3633,
0.4992

 127.9441, 0.3313,
0.3752

 1.1170, 0.3929,
0.6071

160.9082, 0.3300,
0.3717

 0.0000, 0.0000,
0.0000

199.0973, 0.3288,

0.3687

242.8960, 0.3279,
0.3661

■ 28.0464, 0.3421,
0.4072

■ 28.0464, 0.3421,
0.4072

■ 27.3962, 0.3509,
0.4341

■ 28.7694, 0.3327,
0.3806

■ 26.8122, 0.3585,
0.4603

■ 29.5645, 0.3230,
0.3548

■ 26.2921, 0.3646,
0.4848


■ 30.4355, 0.3133,
0.3306


■ 25.8324, 0.3687,
0.5063

■ 31.3850, 0.3040,
0.3080

■ 25.4288, 0.3704,
0.5240


■ 32.4154, 0.2950,
0.2872


 25.0765, 0.3697,
0.5372

 33.5289, 0.2866,
0.2683

 24.7826, 0.3675,
0.5464

 34.7277, 0.2788,
0.2512

 36.0140, 0.2715,
0.2357

 37.3898, 0.2647,
0.2219

Harmonies

Analogous

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



28.0464, 0.3789, 0.3989



28.0464, 0.3421, 0.4072



28.0464, 0.2990, 0.3905

Triad

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



28.0464, 0.3421, 0.4072



28.0464, 0.2336, 0.2776



28.0464, 0.3647, 0.3045

Complementary

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



28.0464, 0.3421, 0.4072



15.9504, 0.2763, 0.2459

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.



28.0464, 0.3221, 0.2770



28.0464, 0.3421, 0.4072



28.0464, 0.2481, 0.2608

Square

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



28.0464, 0.3421, 0.4072



28.0464, 0.2381, 0.3107



28.0464, 0.2796, 0.2612



28.0464, 0.3934, 0.3386

Rectangle

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



28.0464, 0.3421, 0.4072



28.0464, 0.2726, 0.3671



28.0464, 0.2796, 0.2612



28.0464, 0.3513, 0.2943

Sweetspot

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



28.0476, 0.3421, 0.4072



52.3993, 0.3215, 0.3511



20.3920, 0.3724, 0.3527



11.5687, 0.3228, 0.3545



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.



28.0476, 0.3421, 0.4072



48.6773, 0.3484, 0.4262



26.3341, 0.3178, 0.4135



6.6573, 0.3216, 0.3512



20.5731, 0.3679, 0.5461



0.2673, 0.3930, 0.5261

Inverse Universe

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



15.9504, 0.2763, 0.2459



23.7444, 0.2659, 0.2242



17.7467, 0.3045, 0.2524



5.7132, 0.3033, 0.3065



2.3140, 0.1727, 0.0725



0.0423, 0.2185, 0.0977

Previews

White Background



This preview shows how the Yxy color 28.0464, 0.3421, 0.4072 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 28.0464, 0.3421, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

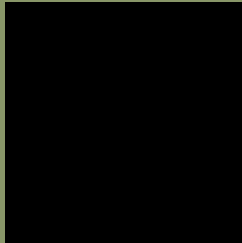
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0464, 0.3421, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 28.0464, 0.3421, 0.4072.



This preview shows how white text looks on a background with the Yxy color 28.0464, 0.3421, 0.4072.

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

28.0464, 0.3421, 0.4072

Protanopia

27.9540, 0.3702, 0.3975

Deuteranopia

27.7845, 0.3833, 0.3761



Tritanopia

28.1527, 0.3011, 0.3115

Trichromacy



Original Color

28.0464, 0.3421, 0.4072

Protanomaly

27.9066, 0.3602, 0.4009

Deuteranomaly

27.6557, 0.3683, 0.3862

Tritanomaly

27.9108, 0.3161, 0.3455

Monochromacy



Original Color

28.0464, 0.3421, 0.4072

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.9940, 0.3232, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0464, 0.3421, 0.4072 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, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(136, 150, 104)  
}
```

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, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 150, 104) }
```

Border

The CSS property to change the border of an element to Yxy 28.0464, 0.3421, 0.4072 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, 150, 104) }
```

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

```
.border{ border-color:rgb(136, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(136, 150,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0464, 0.3421, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 150, 104) }
```

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

```
.background{ background-color: rgb(136,  
150, 104) }
```

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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