

Converting Colors

$Y_{xy}(28.7476, 0.3709, 0.4067)$

Have a look what the booklet for
Yxy(28.7476, 0.3709, 0.4067)
contains.

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Color

Yxy(28.7178, 0.3705, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	9B9362
RGB	155, 147, 98
RGB Percent	61%, 58%, 38%
CMY	0.3922, 0.4235, 0.6157
CMYK	0.00, 0.05, 0.37, 0.39
HSL	52°, 23%, 50%
HSV	52°, 37%, 61%
XYZ	26.1552, 28.7178, 15.7214
YIQ	143.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

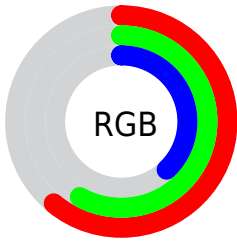
Format	Color
RYB	107, 155, 98
Decimal	10195810
CIELab	60.53, -4.66, 27.03
CIELCh	61, 27.426, 99.780
Yxy	28.7178, 0.3705, 0.4068
Android (android.graphics.Color)	4288385890 (0xFF9B9362)
YUV	143.8060, -22.5824, 9.8171
Hunter-Lab	53.5890, -6.6601, 20.1184

Details

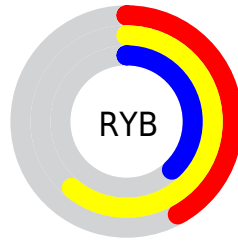
The Yxy color $28.7178, 0.3705, 0.4068$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.2707, 0.2498, 0.2368$, and the grayscale version is $27.8946, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6449, 0.3590, 0.3913$, and $11.6632, 0.3893, 0.4348$ is the 20% darker color. If you saturate the color by 10%, you get $27.7847, 0.3867, 0.4270$, and if you desaturate by 10%, it is $29.7230, 0.3541, 0.3855$.

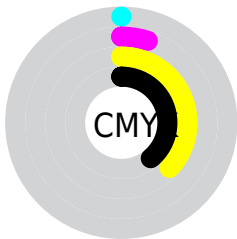
Distribution



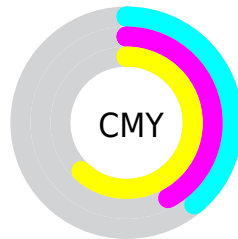
- Red (61%)
- Green (58%)
- Blue (38%)



- Red (42%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (39%)





- Cyan (39%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7178, 0.3705, 0.4068 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 28.7178, 0.3705, 0.4068 by changing the saturation by 10% instead.

 28.7178, 0.3705,
0.4068

 28.7178, 0.3705,
0.4068


295.8811, 0.3400,
0.3648


 18.8674, 0.3784,
0.4182


 57.6284, 0.3591,
0.3908


 11.5745, 0.3886,
0.4333


 77.4575, 0.3549,
0.3850

 6.4547, 0.4020,
0.4539


 101.3816, 0.3514,
0.3802

 3.1235, 0.4225,
0.4864

 129.7851, 0.3484,
0.3761

 1.1965, 0.4562,
0.5438

163.0524, 0.3459,
0.3727

 0.0589, 0.0000,
1.0000

201.5679, 0.3437,

 0.0000, 0.0000,

0.3697

0.0000

245.7160, 0.3417,
0.3671

■ 28.7178, 0.3705,
0.4068

■ 28.7178, 0.3705,
0.4068

■ 27.7847, 0.3867,
0.4270

■ 29.7230, 0.3541,
0.3855

■ 26.9164, 0.4020,
0.4453

■ 30.7995, 0.3380,
0.3640

■ 26.1104, 0.4160,
0.4607

■ 31.9513, 0.3226,
0.3429

■ 25.3628, 0.4278,
0.4724

■ 33.1813, 0.3081,
0.3225

■ 24.6687, 0.4372,
0.4799

■ 34.4920, 0.2947,
0.3033

■ 24.0207, 0.4439,
0.4833

■ 35.8858, 0.2823,
0.2854

■ 23.8162, 0.4460,
0.4841

■ 37.3650, 0.2711,
0.2688

■ 38.9317, 0.2609,
0.2536

■ 40.5882, 0.2517,
0.2397

Harmonies

Analogous

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



28.7178, 0.3976, 0.3842



28.7178, 0.3705, 0.4068



28.7178, 0.3289, 0.4077

Triad

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



28.7178, 0.3705, 0.4068



28.7178, 0.2318, 0.2973



28.7178, 0.3372, 0.2832

Complementary

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



28.7178, 0.3705, 0.4068



15.2707, 0.2498, 0.2368

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.



28.7178, 0.2915, 0.2626



28.7178, 0.3705, 0.4068



28.7178, 0.2335, 0.2682

Square

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



28.7178, 0.3705, 0.4068



28.7178, 0.2498, 0.3397



28.7178, 0.2545, 0.2567



28.7178, 0.3784, 0.3143

Rectangle

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



28.7178, 0.3705, 0.4068



28.7178, 0.2990, 0.3935



28.7178, 0.2545, 0.2567



28.7178, 0.3217, 0.2749

Sweetspot

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



28.7191, 0.3705, 0.4068



56.2919, 0.3294, 0.3522



16.7570, 0.3855, 0.3149



12.6831, 0.3313, 0.3548



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.



28.7191, 0.3705, 0.4068



50.0739, 0.3836, 0.4233



29.4776, 0.3448, 0.4248



7.0752, 0.3263, 0.3480



19.1725, 0.4457, 0.4843



0.3222, 0.4325, 0.4948

Inverse Universe

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



15.2707, 0.2498, 0.2368



22.4639, 0.2339, 0.2124



14.9514, 0.2703, 0.2277



6.1591, 0.2988, 0.3093



2.3892, 0.1538, 0.0735



0.0672, 0.1680, 0.1249

Previews

White Background



This preview shows how the Yxy color 28.7178, 0.3705, 0.4068 looks on a white background.

Color Contrast Check

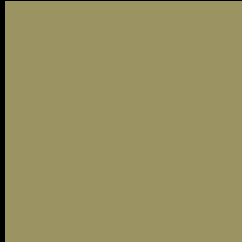
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7178, 0.3705, 0.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

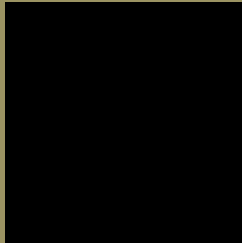
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7178, 0.3705, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 28.7178, 0.3705, 0.4068.



This preview shows how white text looks on a background with the Yxy color 28.7178, 0.3705, 0.4068.

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

28.7178, 0.3705, 0.4068

Protanopia

28.7087, 0.3745, 0.4044

Deuteranopia

28.7902, 0.3956, 0.3879



Tritanopia

28.5676, 0.3243, 0.3124

Trichromacy



Original Color

28.7178, 0.3705, 0.4068

Protanomaly

28.6077, 0.3733, 0.4047

Deuteranomaly

28.8706, 0.3867, 0.3956

Tritanomaly

28.6818, 0.3414, 0.3462

Monochromacy



Original Color

28.7178, 0.3705, 0.4068

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0790, 0.3339, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7178, 0.3705, 0.4068 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(155, 147, 98)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 98)  
}
```

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(155, 147, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 98) }
```

Border

The CSS property to change the border of an element to Yxy 28.7178, 0.3705, 0.4068 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(155, 147, 98) }
```

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

```
.border{ border-color:rgb(155, 147, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 147, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 147, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 147, 98);  
box-shadow:4px 4px 4px 4px rgb(155, 147,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7178, 0.3705, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 98) }
```

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

```
.background{ background-color: rgb(155,  
147, 98) }
```

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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