

Converting Colors

$Y_{xy}(28.4208, 0.3784, 0.3981)$

Have a look what the booklet for
Yxy(28.4208, 0.3784, 0.3981)
contains.

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Color

Yxy(28.5288, 0.3792, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	A29063
RGB	162, 144, 99
RGB Percent	64%, 56%, 39%
CMY	0.3647, 0.4353, 0.6118
CMYK	0.00, 0.11, 0.39, 0.36
HSL	43°, 25%, 51%
HSV	43°, 39%, 64%
XYZ	27.1267, 28.5288, 15.8811
YIQ	144.2520, 25.1730, -10.1790

Conversions

Conversions Part 2

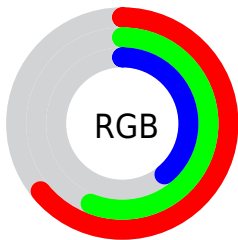
Format	Color
RYB	124, 162, 99
Decimal	10653795
CIELab	60.36, 0.04, 26.38
CIELCh	60, 26.383, 89.904
Yxy	28.5288, 0.3792, 0.3988
Android (android.graphics.Color)	4288843875 (0xFFA29063)
YUV	144.2520, -22.3092, 15.5650
Hunter-Lab	53.4124, -2.8163, 19.7599

Details

The Yxy color $28.5288, 0.3792, 0.3988$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.9854, 0.2479, 0.2473$, and the grayscale version is $28.0818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4956, 0.3661, 0.3854$, and $11.5046, 0.3999, 0.4210$ is the 20% darker color. If you saturate the color by 10%, you get $26.8769, 0.3985, 0.4161$, and if you desaturate by 10%, it is $30.3030, 0.3604, 0.3806$.

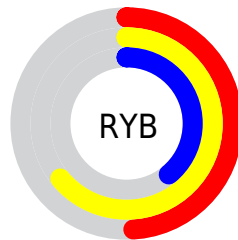
Distribution



Red (64%)

Green (56%)

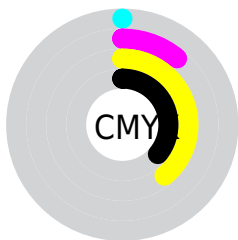
Blue (39%)



Red (49%)

Yellow (64%)

Blue (39%)

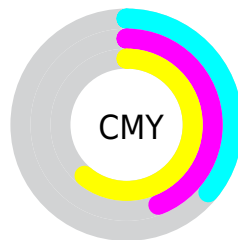


Cyan (0%)

Magenta (11%)

Yellow (39%)

Black (36%)



Cyan (36%)


Magenta (44%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5288, 0.3792, 0.3988 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 28.5288, 0.3792, 0.3988 by changing the saturation by 10% instead.


 28.5288, 0.3792,
0.3988


 28.5288, 0.3792,
0.3988


294.9852, 0.3437,
0.3616


 18.7247, 0.3886,
0.4087


 57.3276, 0.3658,
0.3848


 11.4715, 0.4009,
0.4216


 77.0910, 0.3610,
0.3797

 6.3849, 0.4174,
0.4389


 100.9430, 0.3569,
0.3754

 3.0805, 0.4426,
0.4653

 129.2680, 0.3534,
0.3718

 1.1739, 0.4876,
0.5124

162.4503, 0.3505,
0.3687

 0.0402, 0.4942,
0.5058

200.8743, 0.3479,

 0.0000, 0.0000,

0.3660

0.0000

244.9245, 0.3457,
0.3636

■ 28.5288, 0.3792,
0.3988

■ 28.5288, 0.3792,
0.3988

■ 26.8769, 0.3985,
0.4161

■ 30.3030, 0.3604,
0.3806

■ 25.3389, 0.4178,
0.4316

■ 32.1997, 0.3427,
0.3623

■ 23.9114, 0.4362,
0.4442

■ 34.2241, 0.3262,
0.3443

■ 22.5889, 0.4529,
0.4529

■ 36.3796, 0.3111,
0.3271

■ 21.3652, 0.4671,
0.4571

■ 38.6698, 0.2974,
0.3110

■ 20.2288, 0.4787,
0.4571

■ 41.0979, 0.2851,
0.2959

■ 20.1065, 0.4800,
0.4571

■ 43.6672, 0.2741,
0.2820

■ 46.3805, 0.2642,
0.2692

■ 49.2407, 0.2554,
0.2575

Harmonies

Analogous

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



28.5288, 0.3985, 0.3725



28.5288, 0.3792, 0.3988



28.5288, 0.3425, 0.4073

Triad

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



28.5288, 0.3792, 0.3988



28.5288, 0.2382, 0.3111



28.5288, 0.3216, 0.2767

Complementary

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



28.5288, 0.3792, 0.3988



17.9854, 0.2479, 0.2473

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.



28.5288, 0.2792, 0.2611



28.5288, 0.3792, 0.3988



28.5288, 0.2335, 0.2778

Square

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



28.5288, 0.3792, 0.3988



28.5288, 0.2616, 0.3537



28.5288, 0.2478, 0.2609



28.5288, 0.3643, 0.3042

Rectangle

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



28.5288, 0.3792, 0.3988



28.5288, 0.3138, 0.3991



28.5288, 0.2478, 0.2609



28.5288, 0.3068, 0.2700

Sweetspot

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



28.5301, 0.3792, 0.3988



60.8734, 0.3316, 0.3502



17.9116, 0.3777, 0.2990



13.5704, 0.3336, 0.3524



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.5301, 0.3792, 0.3988



49.0783, 0.3966, 0.4144



33.1716, 0.3564, 0.4277



7.8936, 0.3268, 0.3450



15.9150, 0.4793, 0.4576



0.4086, 0.4534, 0.4782

Inverse Universe

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



17.9854, 0.2479, 0.2473



27.1242, 0.2316, 0.2243



14.9514, 0.2564, 0.2176



7.1743, 0.2987, 0.3125



3.6783, 0.1610, 0.0995



0.1539, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 28.5288, 0.3792, 0.3988 looks on a white background.

Color Contrast Check

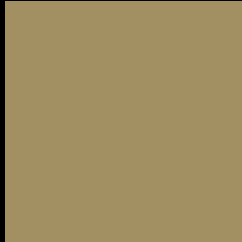
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5288, 0.3792, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

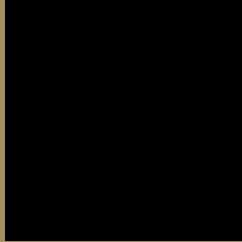
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5288, 0.3792, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 28.5288, 0.3792, 0.3988.



This preview shows how white text looks on a background with the Yxy color 28.5288, 0.3792, 0.3988.

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

28.5288, 0.3792, 0.3988

Protanopia

28.7470, 0.3725, 0.4013

Deuteranopia

28.3840, 0.3950, 0.3868



Tritanopia

28.5306, 0.3344, 0.3141

Trichromacy



Original Color

28.5288, 0.3792, 0.3988

Protanomaly

28.5418, 0.3742, 0.3996

Deuteranomaly

28.5159, 0.3892, 0.3907

Tritanomaly

28.3672, 0.3512, 0.3444

Monochromacy



Original Color

28.5288, 0.3792, 0.3988

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0843, 0.3365, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5288, 0.3792, 0.3988 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(162, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 99)  
}
```

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(162, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 99) }
```

Border

The CSS property to change the border of an element to Yxy 28.5288, 0.3792, 0.3988 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(162, 144, 99) }
```

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

```
.border{ border-color:rgb(162, 144, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5288, 0.3792, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 99) }
```

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

```
.background{ background-color: rgb(162,  
144, 99) }
```

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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