

Converting Colors

$Y_{xy}(28.5522, 0.3969, 0.3498)$

Have a look what the booklet for
Yxy(28.5522, 0.3969, 0.3498)
contains.

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Color

Yxy(28.6057, 0.3972, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	BD8475
RGB	189, 132, 117
RGB Percent	74%, 52%, 46%
CMY	0.2589, 0.4823, 0.5413
CMYK	0.00, 0.30, 0.38, 0.26
HSL	13°, 35%, 60%
HSV	13°, 38%, 74%
XYZ	32.4448, 28.6057, 20.6334
YIQ	147.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

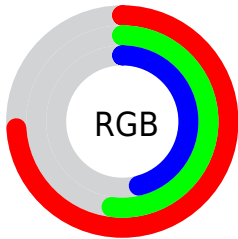
Format	Color
R_{YB}	189, 136, 117
Decimal	12420213
CIE _{Lab}	60.43, 19.99, 16.90
CIE _{LCh}	60, 26.179, 40.214
Yxy	28.6057, 0.3972, 0.3502
Android (android.graphics.Color)	4290610293 (0xFFBD8475)
YUV	147.3330, -14.9542, 36.5420
Hunter-Lab	53.4843, 14.6848, 14.5659

Details

The Yxy color **28.6057, 0.3972, 0.3502** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7065, 0.2571, 0.3063**, and the grayscale version is **29.3737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3367, 0.3799, 0.3465**, and **11.5326, 0.4274, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **24.4373, 0.4301, 0.3556**, and if you desaturate by 10%, it is **33.4479, 0.3691, 0.3444**.

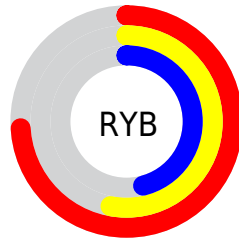
Distribution



Red (74%)

Green (52%)

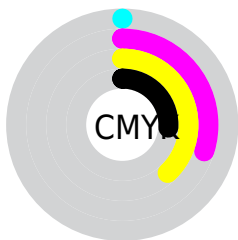
Blue (46%)



Red (74%)

Yellow (53%)

Blue (46%)

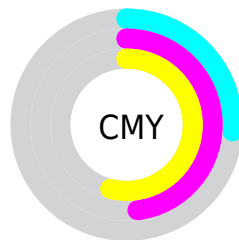


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6057, 0.3972, 0.3502 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 28.6057, 0.3972, 0.3502 by changing the saturation by 10% instead.


 28.6057, 0.3972,
0.3502


 28.6057, 0.3972,
0.3502


295.3500, 0.3511,
0.3402


 18.7827, 0.4100,
0.3523


 57.4500, 0.3795,
0.3468

 11.5134, 0.4273,
0.3548


 77.2402, 0.3731,
0.3454

 6.4133, 0.4518,
0.3572


 101.1215, 0.3679,
0.3442

 3.0980, 0.4886,
0.3588

129.4785, 0.3634,
0.3432

 1.1831, 0.5920,
0.3835

162.6954, 0.3597,
0.3423

 0.0478, 0.9177,
0.0823

201.1567, 0.3564,

 0.0000, 0.0000,

0.3415

0.0000

245.2467, 0.3536,
0.3408

■ 28.6057, 0.3972,
0.3502

■ 28.6057, 0.3972,
0.3502

■ 24.4373, 0.4301,
0.3556

■ 33.4479, 0.3691,
0.3444

■ 20.9084, 0.4675,
0.3598

■ 38.9879, 0.3456,
0.3387

■ 17.9881, 0.5079,
0.3621


■ 45.2534, 0.3261,
0.3332


■ 15.6411, 0.5483,
0.3615


■ 52.2697, 0.3099,
0.3281

■ 13.8282, 0.5842,
0.3573


■ 60.0605, 0.2964,
0.3233


 12.5023, 0.6117,
0.3501

 68.6488, 0.2852,
0.3191

 12.2988, 0.6163,
0.3489

 78.0563, 0.2758,
0.3152

 87.4269, 0.2743,
0.3253

 89.5571, 0.2747,
0.3289

Harmonies

Analogous

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



28.6057, 0.3759, 0.3155



28.6057, 0.3972, 0.3502



28.6057, 0.3937, 0.3825

Triad

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



28.6057, 0.3972, 0.3502



28.6057, 0.2855, 0.3793



28.6057, 0.2573, 0.2596

Complementary

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



28.6057, 0.3972, 0.3502



37.7065, 0.2571, 0.3063

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.



28.6057, 0.2369, 0.2705



28.6057, 0.3972, 0.3502



28.6057, 0.2521, 0.3387

Square

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



28.6057, 0.3972, 0.3502



28.6057, 0.3277, 0.4038



28.6057, 0.2350, 0.2984



28.6057, 0.2931, 0.2654

Rectangle

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



28.6057, 0.3972, 0.3502



28.6057, 0.3783, 0.3984



28.6057, 0.2350, 0.2984



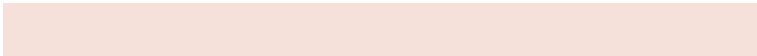
28.6057, 0.2486, 0.2613

Sweetspot

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



28.6071, 0.3972, 0.3502



77.4721, 0.3317, 0.3348



26.6130, 0.3328, 0.2528



16.3287, 0.3343, 0.3356



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.6071, 0.3972, 0.3502



44.7263, 0.4253, 0.3549



39.8792, 0.3790, 0.3969



9.8506, 0.3283, 0.3339



8.3677, 0.6142, 0.3505



0.4238, 0.5683, 0.3870

Inverse Universe

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



37.7065, 0.2571, 0.3063



63.3651, 0.2461, 0.3003



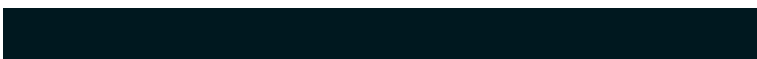
25.7975, 0.2488, 0.2499



10.4620, 0.2985, 0.3241



17.1611, 0.2059, 0.2613



0.7588, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 28.6057, 0.3972, 0.3502 looks on a white background.

Color Contrast Check

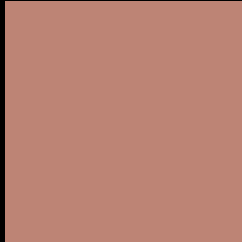
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6057, 0.3972, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

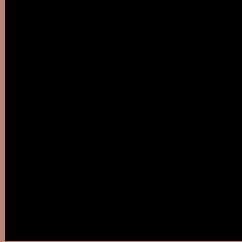
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6057, 0.3972, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 28.6057, 0.3972, 0.3502.



This preview shows how white text looks on a background with the Yxy color 28.6057, 0.3972, 0.3502.

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

28.6057, 0.3972, 0.3502

Protanopia

28.8830, 0.3434, 0.3641

Deuteranopia

28.6519, 0.3746, 0.3667



Tritanopia

28.6410, 0.3744, 0.3154

Trichromacy



Original Color

28.6057, 0.3972, 0.3502

Protanomaly

28.6457, 0.3630, 0.3596

Deuteranomaly

28.6173, 0.3830, 0.3599

Tritanomaly

28.5511, 0.3825, 0.3278

Monochromacy



Original Color

28.6057, 0.3972, 0.3502

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8050, 0.3408, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6057, 0.3972, 0.3502 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(189, 132, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 117)  
}
```

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(189, 132, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 117) }
```

Border

The CSS property to change the border of an element to Yxy 28.6057, 0.3972, 0.3502 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(189, 132, 117) }
```

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

```
.border{ border-color:rgb(189, 132, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 132, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6057, 0.3972, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 117) }
```

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

```
.background{ background-color: rgb(189,  
132, 117) }
```

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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