

Converting Colors

$Y_{xy}(28.8881, 0.3972, 0.3496)$

Have a look what the booklet for
Yxy(28.8881, 0.3972, 0.3496)
contains.

Yxy(28.7577, 0.3972, 0.3487)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.7577, 0.3972, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	BE8476
RGB	190, 132, 118
RGB Percent	75%, 52%, 46%
CMY	0.2549, 0.4823, 0.5374
CMYK	0.00, 0.31, 0.38, 0.25
HSL	12°, 36%, 60%
HSV	12°, 38%, 75%
XYZ	32.7576, 28.7577, 20.9559
YIQ	147.7460, 39.0620, 7.9420

Conversions

Conversions Part 2

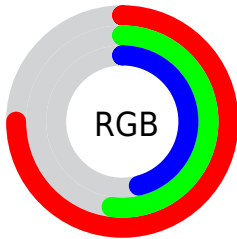
Format	Color
R_{YB}	190, 135, 118
Decimal	12485750
CIE _{Lab}	60.57, 20.53, 16.54
CIE _{LCh}	61, 26.362, 38.859
Yxy	28.7577, 0.3972, 0.3487
Android (android.graphics.Color)	4290675830 (0xFFBE8476)
YUV	147.7460, -14.6648, 37.0568
Hunter-Lab	53.6262, 15.1908, 14.3691

Details

The Yxy color $28.7577, 0.3972, 0.3487$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.6135, 0.2575, 0.3080$, and the grayscale version is $29.5533, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5567, 0.3799, 0.3453$, and $11.6277, 0.4272, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $24.5018, 0.4304, 0.3537$, and if you desaturate by 10%, it is $33.7160, 0.3690, 0.3433$.

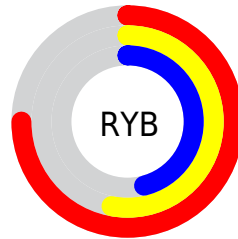
Distribution



Red (75%)

Green (52%)

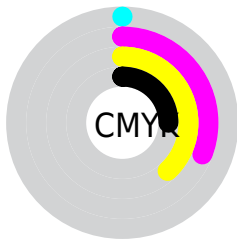
Blue (46%)



Red (75%)

Yellow (53%)

Blue (46%)

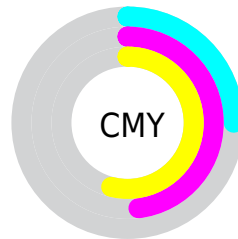


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7577, 0.3972, 0.3487 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 28.7577, 0.3972, 0.3487 by changing the saturation by 10% instead.

 28.7577, 0.3972,
0.3487


 28.7577, 0.3972,
0.3487


296.0700, 0.3511,
0.3395

 18.8976, 0.4100,
0.3506


 57.6919, 0.3795,
0.3456

 11.5963, 0.4273,
0.3528


 77.5348, 0.3731,
0.3443

 6.4694, 0.4517,
0.3549


 101.4741, 0.3679,
0.3433

 3.1326, 0.4885,
0.3560

129.8941, 0.3635,
0.3423

 1.2013, 0.5868,
0.3764

163.1793, 0.3597,
0.3415

 0.0628, 0.8993,
0.1007

201.7141, 0.3565,

 0.0000, 0.0000,

0.3407

0.0000

245.8829, 0.3536,
0.3401

■ 28.7577, 0.3972,
0.3487

■ 28.7577, 0.3972,
0.3487

■ 24.5018, 0.4304,
0.3537

■ 33.7160, 0.3690,
0.3433

■ 20.9124, 0.4683,
0.3577

■ 39.4025, 0.3453,
0.3379

■ 17.9564, 0.5092,
0.3598


■ 45.8466, 0.3258,
0.3328


■ 15.5961, 0.5502,
0.3591


■ 53.0748, 0.3096,
0.3280


■ 13.7899, 0.5865,
0.3550


■ 61.1125, 0.2962,
0.3236

 12.4880, 0.6139,
0.3481

 69.9838, 0.2850,
0.3196

 12.2716, 0.6189,
0.3468

 79.7119, 0.2757,
0.3160

 89.3157, 0.2751,
0.3283

 89.6887, 0.2752,
0.3289

Harmonies

Analogous

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



28.7577, 0.3748, 0.3140



28.7577, 0.3972, 0.3487



28.7577, 0.3948, 0.3814

Triad

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



28.7577, 0.3972, 0.3487



28.7577, 0.2872, 0.3812



28.7577, 0.2558, 0.2594

Complementary

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



28.7577, 0.3972, 0.3487



38.6135, 0.2575, 0.3080

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.



28.7577, 0.2361, 0.2711



28.7577, 0.3972, 0.3487



28.7577, 0.2530, 0.3407

Square

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



28.7577, 0.3972, 0.3487



28.7577, 0.3297, 0.4048



28.7577, 0.2350, 0.2998



28.7577, 0.2911, 0.2645

Rectangle

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



28.7577, 0.3972, 0.3487



28.7577, 0.3800, 0.3979



28.7577, 0.2350, 0.2998



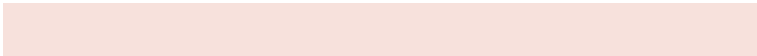
28.7577, 0.2473, 0.2614

Sweetspot

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



28.7591, 0.3972, 0.3487



79.1008, 0.3318, 0.3345



27.0665, 0.3313, 0.2517



17.0135, 0.3344, 0.3352



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.7591, 0.3972, 0.3487



45.9730, 0.4227, 0.3527



39.9672, 0.3792, 0.3951



9.8291, 0.3284, 0.3335



8.2479, 0.6169, 0.3484



0.4145, 0.5722, 0.3839

Inverse Universe

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



38.6135, 0.2575, 0.3080



66.1926, 0.2476, 0.3029



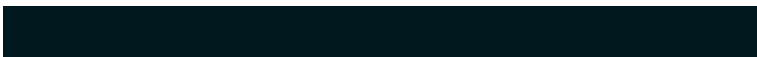
26.5552, 0.2494, 0.2522



10.4852, 0.2985, 0.3244



17.7329, 0.2073, 0.2661



0.7769, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 28.7577, 0.3972, 0.3487 looks on a white background.

Color Contrast Check

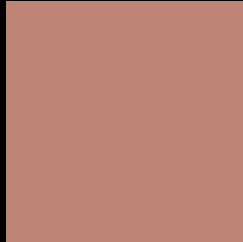
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7577, 0.3972, 0.3487 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 28.7577, 0.3972, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 28.7577, 0.3972, 0.3487.



This preview shows how white text looks on a background with the Yxy color 28.7577, 0.3972, 0.3487.

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

28.7577, 0.3972, 0.3487

Protanopia

28.9085, 0.3424, 0.3625

Deuteranopia

28.9686, 0.3731, 0.3667



Tritanopia

28.7711, 0.3756, 0.3155

Trichromacy



Original Color

28.7577, 0.3972, 0.3487

Protanomaly

28.6704, 0.3619, 0.3581

Deuteranomaly

28.9263, 0.3814, 0.3599

Tritanomaly

28.6803, 0.3837, 0.3278

Monochromacy



Original Color

28.7577, 0.3972, 0.3487

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9387, 0.3408, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7577, 0.3972, 0.3487 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(190, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 118)  
}
```

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(190, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 28.7577, 0.3972, 0.3487 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(190, 132, 118) }
```

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

```
.border{ border-color:rgb(190, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7577, 0.3972, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 118) }
```

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

```
.background{ background-color: rgb(190,  
132, 118) }
```

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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