

Converting Colors

$Y_{xy}(28.5677, 0.4080, 0.3985)$

Have a look what the booklet for
Yxy(28.5677, 0.4080, 0.3985)
contains.

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Color

Yxy(28.5677, 0.4080, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	B18B5B
RGB	177, 139, 91
RGB Percent	69%, 55%, 36%
CMY	0.3060, 0.4548, 0.6431
CMYK	0.00, 0.21, 0.49, 0.31
HSL	34°, 36%, 53%
HSV	34°, 49%, 69%
XYZ	29.2487, 28.5677, 13.8716
YIQ	144.8900, 38.0560, -6.8720

Conversions

Conversions Part 2

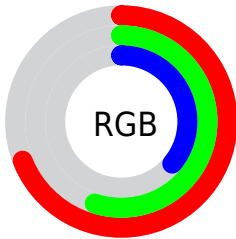
Format	Color
R_{YB}	159, 177, 91
Decimal	11635547
CIE _{Lab}	60.40, 8.26, 31.09
CIE _{LCh}	60, 32.165, 75.112
Yxy	28.5677, 0.4080, 0.3985
Android (android.graphics.Color)	4289825627 (0xFFB18B5B)
YUV	144.8900, -26.5678, 28.1605
Hunter-Lab	53.4488, 4.1451, 22.0265

Details

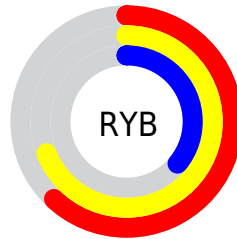
The Yxy color $28.5677, 0.4080, 0.3985$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $21.0909, 0.2343, 0.2459$, and the grayscale version is $28.3671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1447, 0.3886, 0.3851$, and $11.4642, 0.4386, 0.4172$ is the 20% darker color. If you saturate the color by 10%, you get $26.1155, 0.4325, 0.4110$, and if you desaturate by 10%, it is $31.2564, 0.3847, 0.3844$.

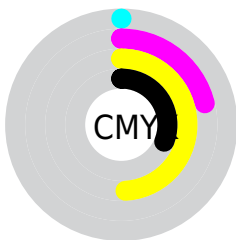
Distribution



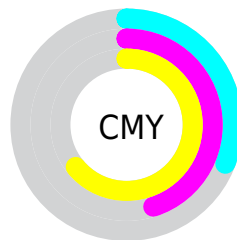
- Red (69%)
- Green (55%)
- Blue (36%)



- Red (62%)
- Yellow (69%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (31%)




- Cyan (31%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5677, 0.4080, 0.3985 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 28.5677, 0.4080, 0.3985 by changing the saturation by 10% instead.

 28.5677, 0.4080,
0.3985


 28.5677, 0.4080,
0.3985


295.1697, 0.3570,
0.3629


 18.7540, 0.4215,
0.4071


 57.3895, 0.3888,
0.3856

 11.4927, 0.4390,
0.4178


 77.1665, 0.3818,
0.3807

 6.3993, 0.4622,
0.4306


 101.0333, 0.3759,
0.3766

 3.0893, 0.5037,
0.4543

 129.3745, 0.3710,
0.3731

 1.1786, 0.5398,
0.4602

162.5743, 0.3667,
0.3700

 0.0441, 0.8468,
0.1532

201.0172, 0.3630,

 0.0000, 0.0000,

0.3673

0.0000

245.0875, 0.3598,
0.3650

■ 28.5677, 0.4080,
0.3985

■ 28.5677, 0.4080,
0.3985

■ 26.1155, 0.4325,
0.4110

■ 31.2564, 0.3847,
0.3844

■ 23.8874, 0.4572,
0.4207

■ 34.1855, 0.3631,
0.3697

■ 21.8753, 0.4810,
0.4265

■ 37.3638, 0.3436,
0.3550

■ 20.0688, 0.5023,
0.4273

■ 40.7983, 0.3261,
0.3407

■ 18.4524, 0.5207,
0.4234

■ 44.4956, 0.3106,
0.3271

■ 18.2350, 0.5233,
0.4227

■ 48.4621, 0.2970,
0.3145

■ 52.7041, 0.2850,
0.3027

■ 57.2272, 0.2744,
0.2920

■ 62.0374, 0.2651,
0.2821

Harmonies

Analogous

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



28.5677, 0.4181, 0.3601



28.5677, 0.4080, 0.3985



28.5677, 0.3718, 0.4227

Triad

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



28.5677, 0.4080, 0.3985



28.5677, 0.2341, 0.3315



28.5677, 0.2967, 0.2554

Complementary

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



28.5677, 0.4080, 0.3985



21.0909, 0.2343, 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.



28.5677, 0.2512, 0.2451



28.5677, 0.4080, 0.3985



28.5677, 0.2177, 0.2837

Square

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



28.5677, 0.4080, 0.3985



28.5677, 0.2713, 0.3843



28.5677, 0.2237, 0.2540



28.5677, 0.3507, 0.2815

Rectangle

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



28.5677, 0.4080, 0.3985



28.5677, 0.3390, 0.4243



28.5677, 0.2237, 0.2540



28.5677, 0.2799, 0.2500

Sweetspot

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



28.5691, 0.4080, 0.3985



68.9281, 0.3376, 0.3501



18.4315, 0.3833, 0.2730



14.6695, 0.3413, 0.3531



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.5691, 0.4080, 0.3985



46.6122, 0.4335, 0.4114



41.0381, 0.3788, 0.4471



9.2660, 0.3274, 0.3417



13.3382, 0.5218, 0.4239



0.5336, 0.4861, 0.4522

Inverse Universe

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



21.0909, 0.2343, 0.2459



31.6925, 0.2179, 0.2240



13.1064, 0.2257, 0.1801



8.8272, 0.2985, 0.3160



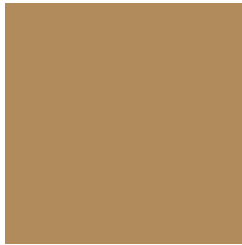
6.3816, 0.1726, 0.1414



0.3177, 0.1880, 0.1968

Previews

White Background



This preview shows how the Yxy color 28.5677, 0.4080, 0.3985 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 28.5677, 0.4080, 0.3985 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 28.5677, 0.4080, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 28.5677, 0.4080, 0.3985.



This preview shows how white text looks on a background with the Yxy color 28.5677, 0.4080, 0.3985.

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

28.5677, 0.4080, 0.3985

Protanopia

28.7368, 0.3796, 0.4101

Deuteranopia

28.4507, 0.4069, 0.3988



Tritanopia

28.7033, 0.3581, 0.3149

Trichromacy



Original Color

28.5677, 0.4080, 0.3985

Protanomaly

28.5422, 0.3905, 0.4050

Deuteranomaly

28.4507, 0.4069, 0.3988

Tritanomaly

28.4865, 0.3771, 0.3451

Monochromacy



Original Color

28.5677, 0.4080, 0.3985

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2937, 0.3466, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5677, 0.4080, 0.3985 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(177, 139, 91)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 91)  
}
```

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(177, 139, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 91) }
```

Border

The CSS property to change the border of an element to Yxy 28.5677, 0.4080, 0.3985 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(177, 139, 91) }
```

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

```
.border{ border-color:rgb(177, 139, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 139, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 139, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 139, 91);  
box-shadow:4px 4px 4px 4px rgb(177, 139,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5677, 0.4080, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 91) }
```

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

```
.background{ background-color: rgb(177,  
139, 91) }
```

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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