

Converting Colors

$Y_{xy}(28.7946, 0.3721, 0.3863)$

Have a look what the booklet for
Yxy(28.7946, 0.3721, 0.3863)
contains.

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Color

Yxy(28.7946, 0.3721, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	A3906B
RGB	163, 144, 107
RGB Percent	64%, 56%, 42%
CMY	0.3607, 0.4353, 0.5803
CMYK	0.00, 0.12, 0.34, 0.36
HSL	40°, 23%, 53%
HSV	40°, 34%, 64%
XYZ	27.7361, 28.7946, 18.0087
YIQ	145.4630, 23.2010, -7.4790

Conversions

Conversions Part 2

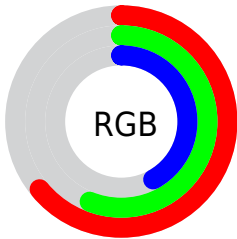
Format	Color
R_{YB}	136, 163, 107
Decimal	10719339
CIE _{Lab}	60.60, 1.47, 22.29
CIE _{LCh}	61, 22.334, 86.220
Yxy	28.7946, 0.3721, 0.3863
Android (android.graphics.Color)	4288909419 (0xFFA3906B)
YUV	145.4630, -18.9623, 15.3799
Hunter-Lab	53.6606, -1.6428, 17.6644

Details

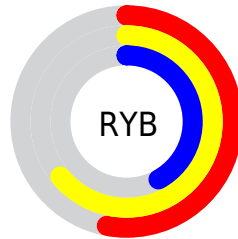
The Yxy color $28.7946, 0.3721, 0.3863$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.7055, 0.2568, 0.2639$, and the grayscale version is $28.5875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9514, 0.3599, 0.3747$, and $11.6362, 0.3917, 0.4061$ is the 20% darker color. If you saturate the color by 10%, you get $26.8473, 0.3924, 0.4030$, and if you desaturate by 10%, it is $30.8916, 0.3530, 0.3692$.

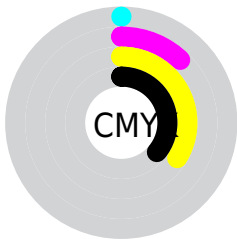
Distribution



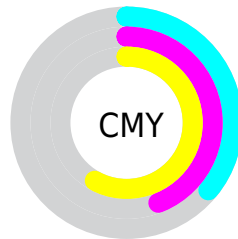
- Red (64%)
- Green (56%)
- Blue (42%)



- Red (53%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7946, 0.3721, 0.3863 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 28.7946, 0.3721, 0.3863 by changing the saturation by 10% instead.


 28.7946, 0.3721,
0.3863


 28.7946, 0.3721,
0.3863


296.2446, 0.3402,
0.3558

 18.9255, 0.3807,
0.3945


 57.7506, 0.3600,
0.3748


 11.6165, 0.3921,
0.4052


 77.6063, 0.3556,
0.3706

 6.4831, 0.4078,
0.4197


 101.5596, 0.3520,
0.3671

 3.1410, 0.4302,
0.4402

 129.9949, 0.3489,
0.3641

 1.2058, 0.4969,
0.5031

163.2967, 0.3462,
0.3616

 0.0664, 0.5987,
0.4013

201.8493, 0.3440,

 0.0000, 0.0000,

0.3594

0.0000

246.0371, 0.3420,
0.3575

■ 28.7946, 0.3721,
0.3863

■ 28.7946, 0.3721,
0.3863

■ 26.8473, 0.3924,
0.4030

■ 30.8916, 0.3530,
0.3692

■ 25.0410, 0.4132,
0.4183

■ 33.1388, 0.3353,
0.3522

■ 23.3717, 0.4340,
0.4314


■ 35.5419, 0.3192,
0.3359


■ 21.8337, 0.4538,
0.4411


■ 38.1048, 0.3047,
0.3204

■ 20.4207, 0.4715,
0.4464

■ 40.8314, 0.2917,
0.3059

 19.1251, 0.4864,
0.4468

 43.7253, 0.2801,
0.2925

 18.4369, 0.4941,
0.4458

 46.7902, 0.2698,
0.2802

 50.0294, 0.2607,
0.2688

 53.4463, 0.2525,
0.2585

Harmonies

Analogous

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



28.7946, 0.3857, 0.3632



28.7946, 0.3721, 0.3863



28.7946, 0.3427, 0.3949

Triad

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



28.7946, 0.3721, 0.3863



28.7946, 0.2509, 0.3185



28.7946, 0.3159, 0.2820

Complementary

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



28.7946, 0.3721, 0.3863



20.7055, 0.2568, 0.2639

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.



28.7946, 0.2805, 0.2702



28.7946, 0.3721, 0.3863



28.7946, 0.2447, 0.2888

Square

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



28.7946, 0.3721, 0.3863



28.7946, 0.2730, 0.3542



28.7946, 0.2551, 0.2720



28.7946, 0.3523, 0.3047

Rectangle

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



28.7946, 0.3721, 0.3863



28.7946, 0.3186, 0.3895



28.7946, 0.2551, 0.2720



28.7946, 0.3034, 0.2767

Sweetspot

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



28.7959, 0.3721, 0.3863



61.0878, 0.3284, 0.3453



19.8297, 0.3635, 0.2982



13.5920, 0.3306, 0.3475



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.



28.7959, 0.3721, 0.3863



48.9451, 0.3870, 0.3987



34.1980, 0.3545, 0.4151



7.8299, 0.3269, 0.3438



14.4099, 0.4933, 0.4465



0.3849, 0.4608, 0.4723

Inverse Universe

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



20.7055, 0.2568, 0.2639



32.3167, 0.2438, 0.2470



16.8361, 0.2611, 0.2314



7.2351, 0.2987, 0.3138



4.2846, 0.1647, 0.1129



0.1749, 0.1851, 0.1862

Previews

White Background



This preview shows how the Yxy color 28.7946, 0.3721, 0.3863 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 28.7946, 0.3721, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

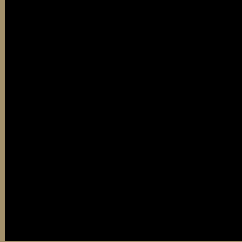
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7946, 0.3721, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 28.7946, 0.3721, 0.3863.



This preview shows how white text looks on a background with the Yxy color 28.7946, 0.3721, 0.3863.

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

28.7946, 0.3721, 0.3863

Protanopia

28.8086, 0.3632, 0.3891

Deuteranopia

28.7231, 0.3846, 0.3768



Tritanopia

28.6717, 0.3344, 0.3127

Trichromacy



Original Color

28.7946, 0.3721, 0.3863

Protanomaly

28.7044, 0.3660, 0.3872

Deuteranomaly

28.5675, 0.3795, 0.3791

Tritanomaly

28.5844, 0.3480, 0.3382

Monochromacy



Original Color

28.7946, 0.3721, 0.3863

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.5649, 0.3342, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7946, 0.3721, 0.3863 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(163, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 107)  
}
```

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(163, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.7946, 0.3721, 0.3863 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(163, 144, 107) }
```

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

```
.border{ border-color:rgb(163, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7946, 0.3721, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 107) }
```

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

```
.background{ background-color: rgb(163,  
144, 107) }
```

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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