

Converting Colors

$Yxy(26.8604, 0.3991, 0.3579)$

Have a look what the booklet for
Yxy(26.8604, 0.3991, 0.3579)
contains.

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Color

Yxy(26.7714, 0.3991, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	B6816E
RGB	182, 129, 110
RGB Percent	71%, 51%, 43%
CMY	0.2861, 0.4942, 0.5686
CMYK	0.00, 0.29, 0.40, 0.29
HSL	16°, 33%, 57%
HSV	16°, 40%, 71%
XYZ	29.9620, 26.7714, 18.3406
YIQ	142.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

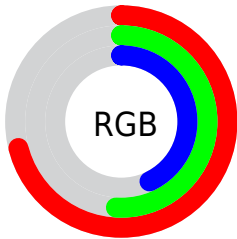
Format	Color
R_{YB}	182, 136, 110
Decimal	11960686
CIE _{Lab}	58.76, 18.04, 18.45
CIE _{LCh}	59, 25.800, 45.641
Yxy	26.7714, 0.3991, 0.3566
Android (android.graphics.Color)	4290150766 (0xFFB6816E)
YUV	142.6810, -16.1117, 34.4828
Hunter-Lab	51.7411, 12.8183, 15.2023

Details

The Yxy color $26.7714, 0.3991, 0.3566$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.9049, 0.2543, 0.2990$, and the grayscale version is $27.3897, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4153, 0.3800, 0.3514$, and $10.4518, 0.4313, 0.3630$ is the 20% darker color. If you saturate the color by 10%, you get $23.1135, 0.4309, 0.3633$, and if you desaturate by 10%, it is $30.9767, 0.3716, 0.3494$.

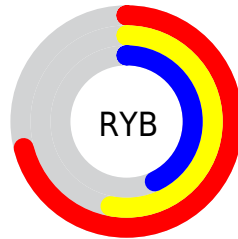
Distribution



Red (71%)

Green (51%)

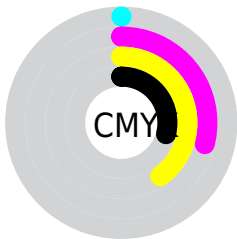
Blue (43%)



Red (71%)

Yellow (53%)

Blue (43%)

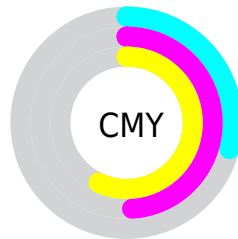


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7714, 0.3991, 0.3566 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 26.7714, 0.3991, 0.3566 by changing the saturation by 10% instead.


 26.7714, 0.3991,
0.3566


 26.7714, 0.3991,
0.3566


286.5486, 0.3516,
0.3431


 17.4016, 0.4125,
0.3597


 54.5168, 0.3807,
0.3518


 10.5212, 0.4307,
0.3633


 73.6612, 0.3741,
0.3500

 5.7459, 0.4565,
0.3673

 96.8327, 0.3687,
0.3484

 2.6912, 0.4955,
0.3707

 124.4155, 0.3642,
0.3471

 0.9727, 0.6029,
0.3971

156.7941, 0.3603,
0.3459

 0.0000, 1.0000,
0.0000

194.3529, 0.3570,

 0.0000, 0.0000,

0.3448

0.0000

237.4762, 0.3541,
0.3439

■ 26.7714, 0.3991,
0.3566

■ 26.7714, 0.3991,
0.3566

■ 23.1135, 0.4309,
0.3633

■ 30.9767, 0.3716,
0.3494

■ 19.9761, 0.4666,
0.3686

■ 35.7469, 0.3482,
0.3422

■ 17.3360, 0.5048,
0.3716


■ 41.1038, 0.3285,
0.3352


■ 15.1662, 0.5427,
0.3711


■ 47.0666, 0.3121,
0.3287

■ 13.4374, 0.5764,
0.3664

■ 53.6537, 0.2983,
0.3227


 12.1107, 0.6034,
0.3585

 60.8826, 0.2867,
0.3172

 12.0616, 0.6045,
0.3582

 68.7704, 0.2769,
0.3122

 77.2927, 0.2689,
0.3083

 85.3139, 0.2705,
0.3231

Harmonies

Analogous

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



26.7714, 0.3819, 0.3216



26.7714, 0.3991, 0.3566



26.7714, 0.3910, 0.3878

Triad

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



26.7714, 0.3991, 0.3566



26.7714, 0.2783, 0.3730



26.7714, 0.2625, 0.2590

Complementary

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



26.7714, 0.3991, 0.3566



32.9049, 0.2543, 0.2990

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.



26.7714, 0.2388, 0.2668



26.7714, 0.3991, 0.3566



26.7714, 0.2472, 0.3309

Square

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



26.7714, 0.3991, 0.3566



26.7714, 0.3200, 0.4017



26.7714, 0.2334, 0.2919



26.7714, 0.3006, 0.2677

Rectangle

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



26.7714, 0.3991, 0.3566



26.7714, 0.3732, 0.4020



26.7714, 0.2334, 0.2919



26.7714, 0.2527, 0.2597

Sweetspot

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



26.7727, 0.3991, 0.3566



71.8294, 0.3334, 0.3370



23.7829, 0.3380, 0.2546



15.5817, 0.3359, 0.3379



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.7727, 0.3991, 0.3566



42.9945, 0.4250, 0.3621



37.6351, 0.3798, 0.4039



9.3870, 0.3281, 0.3351



8.6091, 0.6025, 0.3598



0.4081, 0.5507, 0.4009

Inverse Universe

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



32.9049, 0.2543, 0.2990



55.5350, 0.2435, 0.2917



22.1350, 0.2454, 0.2404



9.7992, 0.2985, 0.3228



14.5438, 0.2007, 0.2424



0.6079, 0.2076, 0.2673

Previews

White Background



This preview shows how the Yxy color 26.7714, 0.3991, 0.3566 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 26.7714, 0.3991, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

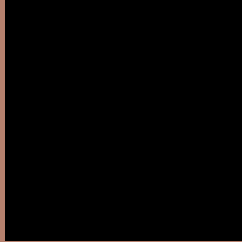
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7714, 0.3991, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 26.7714, 0.3991, 0.3566.



This preview shows how white text looks on a background with the Yxy color 26.7714, 0.3991, 0.3566.

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

26.7714, 0.3991, 0.3566

Protanopia

26.7947, 0.3488, 0.3700

Deuteranopia

26.8194, 0.3774, 0.3709



Tritanopia

26.6068, 0.3726, 0.3150

Trichromacy



Original Color

26.7714, 0.3991, 0.3566

Protanomaly

26.7876, 0.3665, 0.3652

Deuteranomaly

26.6498, 0.3861, 0.3654

Tritanomaly

26.4953, 0.3821, 0.3292

Monochromacy



Original Color

26.7714, 0.3991, 0.3566

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9837, 0.3415, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7714, 0.3991, 0.3566 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(182, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 110)  
}
```

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(182, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 110) }
```

Border

The CSS property to change the border of an element to Yxy 26.7714, 0.3991, 0.3566 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(182, 129, 110) }
```

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

```
.border{ border-color:rgb(182, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7714, 0.3991, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 110) }
```

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

```
.background{ background-color: rgb(182,  
129, 110) }
```

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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