

Converting Colors

$Y_{xy}(27.0277, 0.3513, 0.3705)$

Have a look what the booklet for
Yxy(27.0277, 0.3513, 0.3705)
contains.

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Color

Yxy(26.9861, 0.3511, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	988D74
RGB	152, 141, 116
RGB Percent	60%, 55%, 45%
CMY	0.4039, 0.4471, 0.5451
CMYK	0.00, 0.07, 0.24, 0.40
HSL	42°, 15%, 53%
HSV	42°, 24%, 60%
XYZ	25.6284, 26.9861, 20.3801
YIQ	141.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

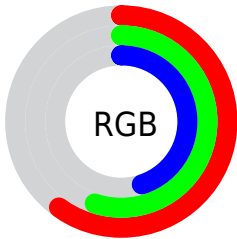
Format	Color
R_{YB}	132, 152, 116
Decimal	9997684
CIE _{Lab}	58.96, -0.09, 14.84
CIE _{LCh}	59, 14.839, 90.342
Yxy	26.9861, 0.3511, 0.3697
Android (android.graphics.Color)	4288187764 (0xFF988D74)
YUV	141.4390, -12.5414, 9.2620
Hunter-Lab	51.9481, -2.8470, 13.1033

Details

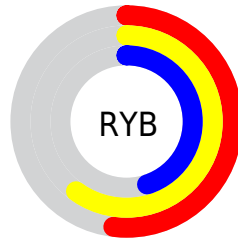
The Yxy color $26.9861, 0.3511, 0.3697$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.1636, 0.2752, 0.2847$, and the grayscale version is $26.8646, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1228, 0.3434, 0.3618$, and $10.6662, 0.3650, 0.3835$ is the 20% darker color. If you saturate the color by 10%, you get $25.3192, 0.3695, 0.3875$, and if you desaturate by 10%, it is $28.7709, 0.3339, 0.3521$.

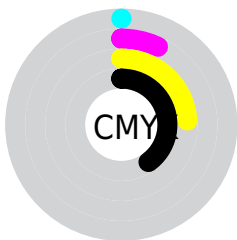
Distribution



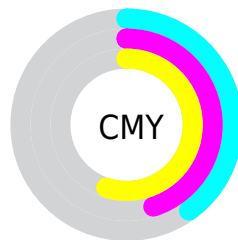
- Red (60%)
- Green (55%)
- Blue (45%)



- Red (52%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9861, 0.3511, 0.3697 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 26.9861, 0.3511, 0.3697 by changing the saturation by 10% instead.

 26.9861, 0.3511,
0.3697


 26.9861, 0.3511,
0.3697


287.5898, 0.3302,
0.3476


 17.5628, 0.3569,
0.3759


 54.8616, 0.3431,
0.3612

 10.6366, 0.3648,
0.3842


 74.0825, 0.3402,
0.3581

 5.8230, 0.3759,
0.3961

 97.3381, 0.3378,
0.3556

 2.7378, 0.3928,
0.4140

125.0127, 0.3358,
0.3535

 0.9964, 0.4762,
0.5022

157.4908, 0.3341,
0.3517

 0.0000, 0.0000,
0.0000

195.1568, 0.3326,

0.3501

238.3950, 0.3313,
0.3487

■ 26.9861, 0.3511,
0.3697

■ 26.9861, 0.3511,
0.3697

■ 25.3192, 0.3695,
0.3875

■ 28.7709, 0.3339,
0.3521

■ 23.7631, 0.3889,
0.4049

■ 30.6733, 0.3182,
0.3351

■ 22.3152, 0.4087,
0.4210

■ 32.6977, 0.3039,
0.3190

■ 20.9714, 0.4283,
0.4349

■ 34.8470, 0.2910,
0.3039

■ 19.7273, 0.4468,
0.4455

■ 37.1240, 0.2795,
0.2899

■ 18.5779, 0.4632,
0.4519

■ 39.5316, 0.2691,
0.2770

■ 17.5173, 0.4768,
0.4536

■ 42.0724, 0.2599,
0.2652

■ 16.8850, 0.4847,
0.4533

■ 44.7488, 0.2517,
0.2544

■ 47.5635, 0.2444,
0.2445

Harmonies

Analogous

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



26.9861, 0.3617, 0.3557



26.9861, 0.3511, 0.3697



26.9861, 0.3303, 0.3729

Triad

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



26.9861, 0.3511, 0.3697



26.9861, 0.2689, 0.3194



26.9861, 0.3187, 0.2981

Complementary

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



26.9861, 0.3511, 0.3697



21.1636, 0.2752, 0.2847

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.



26.9861, 0.2939, 0.2887



26.9861, 0.3511, 0.3697



26.9861, 0.2660, 0.2998

Square

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



26.9861, 0.3511, 0.3697



26.9861, 0.2830, 0.3429



26.9861, 0.2749, 0.2890



26.9861, 0.3426, 0.3150

Rectangle

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



26.9861, 0.3511, 0.3697



26.9861, 0.3137, 0.3677



26.9861, 0.2749, 0.2890



26.9861, 0.3102, 0.2940

Sweetspot

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



26.9873, 0.3511, 0.3697



52.9484, 0.3234, 0.3408



20.7103, 0.3453, 0.3102



11.9943, 0.3242, 0.3417



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.9873, 0.3511, 0.3697



46.1705, 0.3599, 0.3784



29.7805, 0.3402, 0.3877



6.9038, 0.3267, 0.3444



14.2105, 0.4842, 0.4537



0.2758, 0.4503, 0.4807

Inverse Universe

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



21.1636, 0.2752, 0.2847



34.2157, 0.2669, 0.2741



18.9395, 0.2809, 0.2657



6.3192, 0.2988, 0.3131



3.6217, 0.1625, 0.1048



0.1131, 0.1844, 0.1840

Previews

White Background



This preview shows how the Yxy color 26.9861, 0.3511, 0.3697 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 26.9861, 0.3511, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

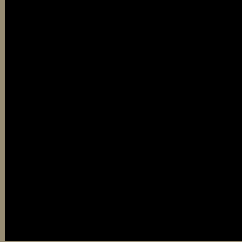
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9861, 0.3511, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 26.9861, 0.3511, 0.3697.



This preview shows how white text looks on a background with the Yxy color 26.9861, 0.3511, 0.3697.

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

26.9861, 0.3511, 0.3697

Protanopia

27.0910, 0.3484, 0.3716

Deuteranopia

26.7852, 0.3659, 0.3587



Tritanopia

27.0658, 0.3234, 0.3135

Trichromacy



Original Color

26.9861, 0.3511, 0.3697

Protanomaly

27.1863, 0.3496, 0.3714

Deuteranomaly

26.9349, 0.3604, 0.3623

Tritanomaly

26.9231, 0.3338, 0.3322

Monochromacy



Original Color

26.9861, 0.3511, 0.3697

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7354, 0.3262, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9861, 0.3511, 0.3697 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(152, 141, 116)` looks like.

```
.text, #text, p{  
    color:rgb(152, 141, 116)  
}
```

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(152, 141, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 141, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.9861, 0.3511, 0.3697 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(152, 141, 116) }
```

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

```
.border{ border-color:rgb(152, 141, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 141, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 141, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 141, 116);  
box-shadow:4px 4px 4px 4px rgb(152, 141,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9861, 0.3511, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 141, 116) }
```

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

```
.background{ background-color: rgb(152,  
141, 116) }
```

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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