

Converting Colors

$Y_{xy}(26.6917, 0.3522, 0.3448)$

Have a look what the booklet for
Yxy(26.6917, 0.3522, 0.3448)
contains.

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Color

Yxy(26.6917, 0.3522, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	A1887E
RGB	161, 136, 126
RGB Percent	63%, 53%, 49%
CMY	0.3687, 0.4666, 0.5059
CMYK	0.00, 0.16, 0.22, 0.37
HSL	17°, 16%, 56%
HSV	17°, 22%, 63%
XYZ	27.2645, 26.6917, 23.4559
YIQ	142.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

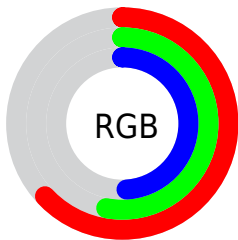
Format	Color
RYB	161, 140, 126
Decimal	10586238
CIELab	58.69, 7.82, 8.88
CIELCh	59, 11.834, 48.617
Yxy	26.6917, 0.3522, 0.3448
Android (android.graphics.Color)	4288776318 (0xFFA1887E)
YUV	142.3350, -8.0532, 16.3692
Hunter-Lab	51.6640, 3.7874, 9.2467

Details

The Yxy color $26.6917, 0.3522, 0.3448$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.1322, 0.2801, 0.3126$, and the grayscale version is $27.2169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2488, 0.3434, 0.3409$, and $10.4426, 0.3673, 0.3495$ is the 20% darker color. If you saturate the color by 10%, you get $23.2445, 0.3758, 0.3526$, and if you desaturate by 10%, it is $30.5553, 0.3322, 0.3373$.

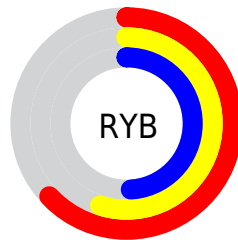
Distribution



Red (63%)

Green (53%)

Blue (49%)



Red (63%)

Yellow (55%)

Blue (49%)

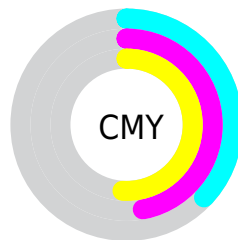


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (37%)



Cyan (37%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6917, 0.3522, 0.3448 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 26.6917, 0.3522, 0.3448 by changing the saturation by 10% instead.


 26.6917, 0.3522,
0.3448

 26.6917, 0.3522,
0.3448


286.1613, 0.3305,
0.3365


 17.3418, 0.3584,
0.3470


 54.3887, 0.3438,
0.3417

 10.4785, 0.3668,
0.3499


 73.5047, 0.3408,
0.3405

 5.7174, 0.3791,
0.3540

 96.6448, 0.3383,
0.3396

 2.6740, 0.3984,
0.3597

124.1934, 0.3362,
0.3388

 0.9640, 0.4491,
0.3819

156.5350, 0.3345,
0.3381

 0.0000, 1.0000,
0.0000


194.0539, 0.3330,


 0.0000, 0.0000,


0.3375


0.0000


237.1345, 0.3316,
0.3369

 26.6917, 0.3522,
0.3448


 26.6917, 0.3522,
0.3448


 23.2445, 0.3758,
0.3526


 30.5553, 0.3322,
0.3373


 20.1961, 0.4034,
0.3602


 34.8450, 0.3153,
0.3302


 17.5326, 0.4349,
0.3672

 39.5748, 0.3011,
0.3236

 15.2382, 0.4699,
0.3727

 44.7570, 0.2891,
0.3175

 13.2959, 0.5069,
0.3757

 50.4033, 0.2790,
0.3120

■ 11.6871, 0.5432,
0.3749

■ 56.5250, 0.2704,
0.3070

■ 10.3913, 0.5752,
0.3698

■ 63.1330, 0.2630,
0.3024

■ 9.5331, 0.5977,
0.3636

■ 70.2379, 0.2567,
0.2983

■ 76.7840, 0.2585,
0.3114

Harmonies

Analogous

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



26.6917, 0.3454, 0.3280



26.6917, 0.3522, 0.3448



26.6917, 0.3479, 0.3582

Triad

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



26.6917, 0.3522, 0.3448



26.6917, 0.2954, 0.3470



26.6917, 0.2910, 0.2956

Complementary

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



26.6917, 0.3522, 0.3448



29.1322, 0.2801, 0.3126

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.



26.6917, 0.2784, 0.2994



26.6917, 0.3522, 0.3448



26.6917, 0.2809, 0.3287

Square

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



26.6917, 0.3522, 0.3448



26.6917, 0.3148, 0.3602



26.6917, 0.2748, 0.3113



26.6917, 0.3096, 0.3002

Rectangle

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



26.6917, 0.3522, 0.3448



26.6917, 0.3396, 0.3632



26.6917, 0.2748, 0.3113



26.6917, 0.2859, 0.2959

Sweetspot

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



26.6929, 0.3522, 0.3448



58.1722, 0.3241, 0.3340



24.7347, 0.3260, 0.2907



12.6682, 0.3250, 0.3343



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.6929, 0.3522, 0.3448



44.7856, 0.3630, 0.3485



31.9943, 0.3469, 0.3709



7.4008, 0.3278, 0.3355



7.6784, 0.5963, 0.3648



0.2380, 0.5299, 0.4175

Inverse Universe

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



29.1322, 0.2801, 0.3126



49.9319, 0.2730, 0.3086



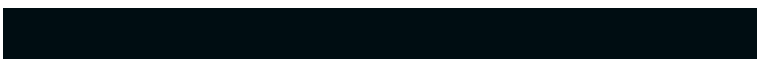
23.9439, 0.2780, 0.2832



7.6671, 0.2987, 0.3224



11.9080, 0.1986, 0.2350



0.3245, 0.2092, 0.2730

Previews

White Background



This preview shows how the Yxy color 26.6917, 0.3522, 0.3448 looks on a white background.

Color Contrast Check

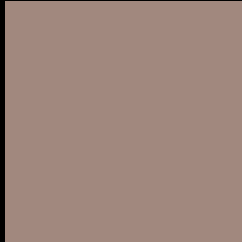
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6917, 0.3522, 0.3448 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 26.6917, 0.3522, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 26.6917, 0.3522, 0.3448.



This preview shows how white text looks on a background with the Yxy color 26.6917, 0.3522, 0.3448.

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

26.6917, 0.3522, 0.3448

Protanopia

26.8378, 0.3316, 0.3487

Deuteranopia

26.6917, 0.3522, 0.3448



Tritanopia

26.5752, 0.3352, 0.3122

Trichromacy



Original Color

26.6917, 0.3522, 0.3448

Protanomaly

26.6992, 0.3388, 0.3468

Deuteranomaly

26.6917, 0.3522, 0.3448

Tritanomaly

26.5377, 0.3416, 0.3244

Monochromacy



Original Color

26.6917, 0.3522, 0.3448

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9233, 0.3267, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6917, 0.3522, 0.3448 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(161, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(161, 136, 126)  
}
```

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(161, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 136, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.6917, 0.3522, 0.3448 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(161, 136, 126) }
```

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

```
.border{ border-color:rgb(161, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(161, 136,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6917, 0.3522, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 136, 126) }
```

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

```
.background{ background-color: rgb(161,  
136, 126) }
```

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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