

Converting Colors

$Y_{xy}(26.1504, 0.3529, 0.3318)$

Have a look what the booklet for
Yxy(26.1504, 0.3529, 0.3318)
contains.

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Color

Yxy(26.1136, 0.3536, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	A58482
RGB	165, 132, 130
RGB Percent	65%, 52%, 51%
CMY	0.3530, 0.4823, 0.4901
CMYK	0.00, 0.20, 0.21, 0.35
HSL	3°, 16%, 58%
HSV	3°, 21%, 65%
XYZ	27.7958, 26.1136, 24.6987
YIQ	141.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

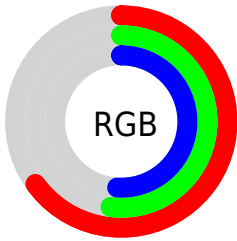
Format	Color
RYB	165, 132, 130
Decimal	10847362
CIELab	58.14, 12.29, 5.86
CIELCh	58, 13.619, 25.494
Yxy	26.1136, 0.3536, 0.3322
Android (android.graphics.Color)	4289037442 (0xFFA58482)
YUV	141.6390, -5.7380, 20.4876
Hunter-Lab	51.1015, 7.6646, 7.1146

Details

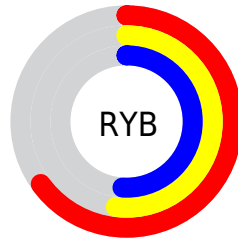
The Yxy color $26.1136, 0.3536, 0.3322$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $33.6531, 0.2816, 0.3258$, and the grayscale version is $26.9178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3325, 0.3443, 0.3314$, and $10.1394, 0.3697, 0.3314$ is the 20% darker color. If you saturate the color by 10%, you get $21.7970, 0.3802, 0.3338$, and if you desaturate by 10%, it is $31.1328, 0.3320, 0.3306$.

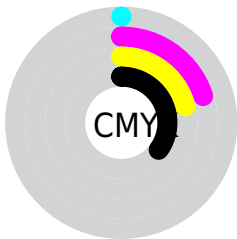
Distribution



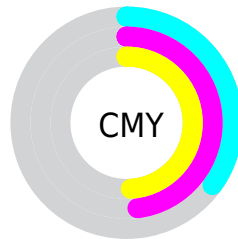
- Red (65%)
- Green (52%)
- Blue (51%)



- Red (65%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (35%)





- Cyan (35%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1136, 0.3536, 0.3322 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 26.1136, 0.3536, 0.3322 by changing the saturation by 10% instead.


 26.1136, 0.3536,
0.3322


 26.1136, 0.3536,
0.3322


283.3393, 0.3310,
0.3307


 16.9086, 0.3601,
0.3325


 53.4582, 0.3448,
0.3317

 10.1694, 0.3689,
0.3328


 72.3665, 0.3417,
0.3315

 5.5114, 0.3819,
0.3330

 95.2782, 0.3391,
0.3314

 2.5503, 0.4025,
0.3329

122.5775, 0.3370,
0.3312

 0.9018, 0.4484,
0.3375

154.6489, 0.3352,
0.3311

 0.0000, 1.0000,
0.0000


191.8767, 0.3336,


 0.0000, 0.0000,


0.3310


0.0000

234.6454, 0.3322,
0.3308

 26.1136, 0.3536,
0.3322


 26.1136, 0.3536,
0.3322


 21.7970, 0.3802,
0.3338


 31.1328, 0.3320,
0.3306


 18.1483, 0.4125,
0.3354

 36.8803, 0.3146,
0.3292

 15.1352, 0.4508,
0.3368

 43.3847, 0.3004,
0.3278

 12.7213, 0.4943,
0.3377

 50.6721, 0.2889,
0.3266

 10.8666, 0.5400,
0.3379

 58.7673, 0.2795,
0.3255

■ 9.5262, 0.5828,
0.3370

■ 67.6942, 0.2717,
0.3245

■ 8.6481, 0.6160,
0.3350

■ 77.4756, 0.2653,
0.3237

■ 8.2022, 0.6354,
0.3337

■ 86.7377, 0.2628,
0.3289

Harmonies

Analogous

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



26.1136, 0.3372, 0.3132



26.1136, 0.3536, 0.3322



26.1136, 0.3586, 0.3512

Triad

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



26.1136, 0.3536, 0.3322



26.1136, 0.3097, 0.3627



26.1136, 0.2755, 0.2928

Complementary

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



26.1136, 0.3536, 0.3322



33.6531, 0.2816, 0.3258

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.



26.1136, 0.2689, 0.3044



26.1136, 0.3536, 0.3322



26.1136, 0.2881, 0.3453

Square

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



26.1136, 0.3536, 0.3322



26.1136, 0.3326, 0.3699



26.1136, 0.2734, 0.3236



26.1136, 0.2920, 0.2909

Rectangle

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



26.1136, 0.3536, 0.3322



26.1136, 0.3547, 0.3614



26.1136, 0.2734, 0.3236



26.1136, 0.2721, 0.2957

Sweetspot

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



26.1148, 0.3536, 0.3322



60.8391, 0.3227, 0.3299



26.6192, 0.3170, 0.2800



13.1647, 0.3237, 0.3300



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.



26.1148, 0.3536, 0.3322



43.3334, 0.3643, 0.3329



31.1830, 0.3484, 0.3582



7.1479, 0.3283, 0.3303



6.2317, 0.6346, 0.3343



0.1493, 0.6104, 0.3535

Inverse Universe

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



33.6531, 0.2816, 0.3258



59.0656, 0.2758, 0.3251



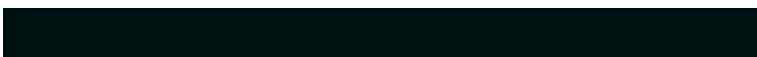
27.9437, 0.2798, 0.2980



7.9417, 0.2988, 0.3277



19.9613, 0.2199, 0.3114



0.4389, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 26.1136, 0.3536, 0.3322 looks on a white background.

Color Contrast Check

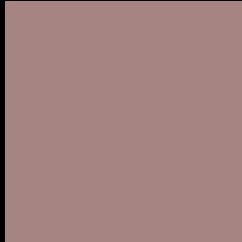
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1136, 0.3536, 0.3322 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 26.1136, 0.3536, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 26.1136, 0.3536, 0.3322.



This preview shows how white text looks on a background with the Yxy color 26.1136, 0.3536, 0.3322.

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

26.1136, 0.3536, 0.3322

Protanopia

26.1158, 0.3234, 0.3373

Deuteranopia

26.0810, 0.3445, 0.3386



Tritanopia

25.9657, 0.3438, 0.3139

Trichromacy



Original Color

26.1136, 0.3536, 0.3322

Protanomaly

25.9772, 0.3340, 0.3339

Deuteranomaly

26.1088, 0.3483, 0.3370

Tritanomaly

26.1172, 0.3482, 0.3215

Monochromacy



Original Color

26.1136, 0.3536, 0.3322

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4960, 0.3260, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1136, 0.3536, 0.3322 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(165, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(165, 132, 130)  
}
```

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(165, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 132, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.1136, 0.3536, 0.3322 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(165, 132, 130) }
```

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

```
.border{ border-color:rgb(165, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(165, 132,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1136, 0.3536, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 132, 130) }
```

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

```
.background{ background-color: rgb(165,  
132, 130) }
```

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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