

Converting Colors

$Y_{xy}(26.1119, 0.3564, 0.3387)$

Have a look what the booklet for
Yxy(26.1119, 0.3564, 0.3387)
contains.

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Color

Yxy(26.1999, 0.3556, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	A4857F
RGB	164, 133, 127
RGB Percent	64%, 52%, 50%
CMY	0.3568, 0.4784, 0.5019
CMYK	0.00, 0.19, 0.23, 0.36
HSL	10°, 17%, 57%
HSV	10°, 23%, 64%
XYZ	27.5316, 26.1999, 23.6914
YIQ	141.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

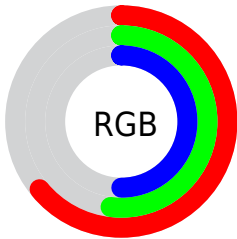
Format	Color
R_{YB}	164, 134, 127
Decimal	10782079
CIE _{Lab}	58.23, 10.89, 7.68
CIE _{LCh}	58, 13.324, 35.215
Yxy	26.1999, 0.3556, 0.3384
Android (android.graphics.Color)	4288972159 (0xFFA4857F)
YUV	141.5850, -7.1904, 19.6580
Hunter-Lab	51.1858, 6.4354, 8.3877

Details

The Yxy color $26.1999, 0.3556, 0.3384$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.6621, 0.2793, 0.3194$, and the grayscale version is $26.9023, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4732, 0.3458, 0.3361$, and $10.1813, 0.3727, 0.3403$ is the 20% darker color. If you saturate the color by 10%, you get $22.2853, 0.3814, 0.3429$, and if you desaturate by 10%, it is $30.6796, 0.3343, 0.3341$.

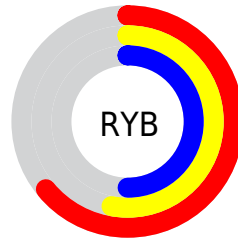
Distribution



Red (64%)

Green (52%)

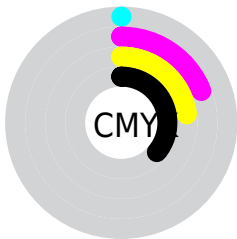
Blue (50%)



Red (64%)

Yellow (53%)

Blue (50%)

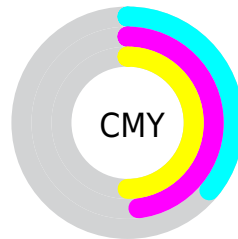


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (36%)



Cyan (36%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1999, 0.3556, 0.3384 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 26.1999, 0.3556, 0.3384 by changing the saturation by 10% instead.


 26.1999, 0.3556,
0.3384

 26.1999, 0.3556,
0.3384


283.7620, 0.3319,
0.3336


 16.9732, 0.3624,
0.3396


 53.5973, 0.3464,
0.3366

 10.2154, 0.3717,
0.3411


 72.5368, 0.3431,
0.3360

 5.5420, 0.3852,
0.3431


 95.4827, 0.3404,
0.3354

 2.5687, 0.4067,
0.3456

122.8193, 0.3382,
0.3350

 0.9109, 0.4606,
0.3599

154.9312, 0.3363,
0.3346

 0.0000, 1.0000,
0.0000

192.2027, 0.3346,

 0.0000, 0.0000,

0.3342

0.0000

235.0182, 0.3332,
0.3339

■ 26.1999, 0.3556,
0.3384

■ 26.1999, 0.3556,
0.3384

■ 22.2853, 0.3814,
0.3429

■ 30.6796, 0.3343,
0.3341

■ 18.9099, 0.4121,
0.3472

■ 35.7418, 0.3167,
0.3300

■ 16.0508, 0.4480,
0.3510


■ 41.4078, 0.3022,
0.3262


■ 13.6825, 0.4882,
0.3536

■ 47.6967, 0.2902,
0.3228

■ 11.7771, 0.5305,
0.3543


■ 54.6267, 0.2803,
0.3197

 10.3037, 0.5708,
0.3524


 62.2153, 0.2719,
0.3169

 9.2277, 0.6039,
0.3475

 70.4791, 0.2649,
0.3143

 8.6550, 0.6230,
0.3436

 79.2245, 0.2605,
0.3155

 86.6342, 0.2624,
0.3289

Harmonies

Analogous

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



26.1999, 0.3428, 0.3193



26.1999, 0.3556, 0.3384



26.1999, 0.3563, 0.3559

Triad

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



26.1999, 0.3556, 0.3384



26.1999, 0.3025, 0.3573



26.1999, 0.2807, 0.2920

Complementary

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



26.1999, 0.3556, 0.3384



31.6621, 0.2793, 0.3194

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.



26.1999, 0.2708, 0.3004



26.1999, 0.3556, 0.3384



26.1999, 0.2831, 0.3382

Square

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



26.1999, 0.3556, 0.3384



26.1999, 0.3252, 0.3680



26.1999, 0.2717, 0.3171



26.1999, 0.2992, 0.2931

Rectangle

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



26.1999, 0.3556, 0.3384



26.1999, 0.3500, 0.3644



26.1999, 0.2717, 0.3171



26.1999, 0.2763, 0.2937

Sweetspot

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



26.2011, 0.3556, 0.3384



60.5260, 0.3243, 0.3318



25.5630, 0.3212, 0.2820



13.1222, 0.3253, 0.3320



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.



26.2011, 0.3556, 0.3384



43.9052, 0.3678, 0.3406



31.5821, 0.3498, 0.3656



7.2622, 0.3281, 0.3327



6.6835, 0.6216, 0.3446



0.1897, 0.5676, 0.3875

Inverse Universe

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



31.6621, 0.2793, 0.3194



55.5647, 0.2724, 0.3170



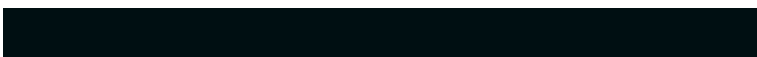
25.9416, 0.2771, 0.2895



7.8155, 0.2988, 0.3253



15.9430, 0.2105, 0.2778



0.3839, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 26.1999, 0.3556, 0.3384 looks on a white background.

Color Contrast Check

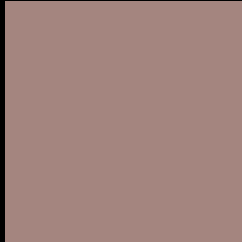
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1999, 0.3556, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

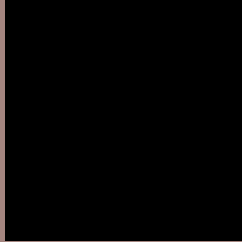
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1999, 0.3556, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 26.1999, 0.3556, 0.3384.



This preview shows how white text looks on a background with the Yxy color 26.1999, 0.3556, 0.3384.

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

26.1999, 0.3556, 0.3384

Protanopia

26.4146, 0.3274, 0.3439

Deuteranopia

26.2312, 0.3491, 0.3418



Tritanopia

26.2627, 0.3424, 0.3139

Trichromacy



Original Color

26.1999, 0.3556, 0.3384

Protanomaly

26.1784, 0.3371, 0.3404

Deuteranomaly

26.1596, 0.3517, 0.3401

Tritanomaly

26.2794, 0.3467, 0.3230

Monochromacy



Original Color

26.1999, 0.3556, 0.3384

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7554, 0.3269, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1999, 0.3556, 0.3384 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(164, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 133, 127)  
}
```

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(164, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.1999, 0.3556, 0.3384 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(164, 133, 127) }
```

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

```
.border{ border-color:rgb(164, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 133,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1999, 0.3556, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 133, 127) }
```

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

```
.background{ background-color: rgb(164,  
133, 127) }
```

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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