

Converting Colors

$Y_{xy}(26.1315, 0.3486, 0.3483)$

Have a look what the booklet for
Yxy(26.1315, 0.3486, 0.3483)
contains.

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Color

Yxy(26.1315, 0.3486, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	9C887C
RGB	156, 136, 124
RGB Percent	61%, 53%, 49%
CMY	0.3882, 0.4667, 0.5136
CMYK	0.00, 0.13, 0.21, 0.39
HSL	22°, 14%, 55%
HSV	22°, 21%, 61%
XYZ	26.1540, 26.1315, 22.7403
YIQ	140.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

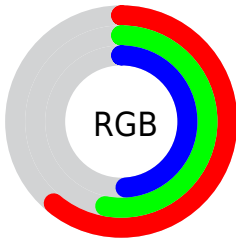
Format	Color
R_{YB}	156, 143, 124
Decimal	10258556
CIE _{Lab}	58.16, 5.55, 9.20
CIE _{LCh}	58, 10.749, 58.899
Yxy	26.1315, 0.3486, 0.3483
Android (android.graphics.Color)	4288448636 (0xFF9C887C)
YUV	140.6120, -8.1897, 13.4953
Hunter-Lab	51.1190, 1.8678, 9.4081

Details

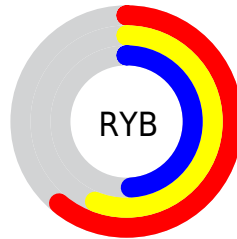
The Yxy color $26.1315, 0.3486, 0.3483$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.6403, 0.2817, 0.3089$, and the grayscale version is $26.5054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4184, 0.3408, 0.3435$, and $10.1066, 0.3619, 0.3549$ is the 20% darker color. If you saturate the color by 10%, you get $23.1443, 0.3705, 0.3583$, and if you desaturate by 10%, it is $29.4337, 0.3297, 0.3386$.

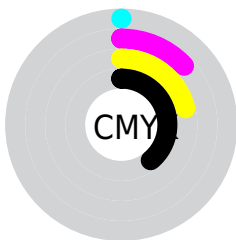
Distribution



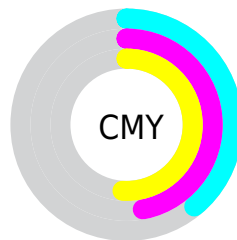
- Red (61%)
- Green (53%)
- Blue (49%)



- Red (61%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1315, 0.3486, 0.3483 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 26.1315, 0.3486, 0.3483 by changing the saturation by 10% instead.


 26.1315, 0.3486,
0.3483


 26.1315, 0.3486,
0.3483


283.4270, 0.3288,
0.3379


 16.9220, 0.3542,
0.3511

 53.4870, 0.3409,
0.3444

 10.1789, 0.3620,
0.3549


 72.4019, 0.3382,
0.3429

 5.5178, 0.3732,
0.3602

 95.3206, 0.3359,
0.3417

 2.5541, 0.3910,
0.3682

122.6277, 0.3341,
0.3407

 0.9037, 0.4466,
0.4020

154.7075, 0.3325,
0.3399

 0.0000, 0.0000,
0.0000

191.9444, 0.3311,

0.3392

234.7227, 0.3299,
0.3385

■ 26.1315, 0.3486,
0.3483

■ 26.1315, 0.3486,
0.3483

■ 23.1443, 0.3705,
0.3583

■ 29.4337, 0.3297,
0.3386

■ 20.4591, 0.3957,
0.3683

■ 33.0564, 0.3135,
0.3294

■ 18.0668, 0.4241,
0.3777

■ 37.0096, 0.2996,
0.3209

■ 15.9568, 0.4553,
0.3855

■ 41.3018, 0.2877,
0.3131

■ 14.1176, 0.4880,
0.3907

■ 45.9408, 0.2775,
0.3059

■ 12.5369, 0.5203,
0.3921

■ 50.9346, 0.2687,
0.2993

■ 11.2011, 0.5498,
0.3887

■ 56.2907, 0.2612,
0.2934

■ 10.1390, 0.5745,
0.3820

■ 62.0164, 0.2546,
0.2879

■ 67.4968, 0.2533,
0.2929

Harmonies

Analogous

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



26.1315, 0.3458, 0.3335



26.1315, 0.3486, 0.3483



26.1315, 0.3414, 0.3585

Triad

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



26.1315, 0.3486, 0.3483



26.1315, 0.2916, 0.3400



26.1315, 0.2982, 0.2990

Complementary

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



26.1315, 0.3486, 0.3483



26.6403, 0.2817, 0.3089

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.



26.1315, 0.2844, 0.2998



26.1315, 0.3486, 0.3483



26.1315, 0.2807, 0.3230

Square

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



26.1315, 0.3486, 0.3483



26.1315, 0.3084, 0.3541



26.1315, 0.2781, 0.3083



26.1315, 0.3163, 0.3056

Rectangle

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



26.1315, 0.3486, 0.3483



26.1315, 0.3322, 0.3612



26.1315, 0.2781, 0.3083



26.1315, 0.2929, 0.2984

Sweetspot

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



26.1327, 0.3486, 0.3483



56.2683, 0.3223, 0.3345



23.5106, 0.3282, 0.2970



12.2970, 0.3232, 0.3351



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.1327, 0.3486, 0.3483



44.6823, 0.3592, 0.3533



30.8960, 0.3439, 0.3724



7.0330, 0.3275, 0.3374



8.4133, 0.5732, 0.3831



0.2285, 0.5052, 0.4371

Inverse Universe

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



26.6403, 0.2817, 0.3089



45.7860, 0.2740, 0.3034



22.1996, 0.2799, 0.2815



7.0914, 0.2988, 0.3204



9.1729, 0.1900, 0.2041



0.2431, 0.2055, 0.2599

Previews

White Background



This preview shows how the Yxy color 26.1315, 0.3486, 0.3483 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 26.1315, 0.3486, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

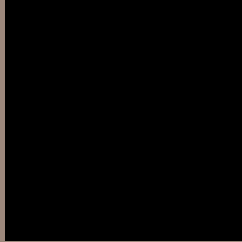
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1315, 0.3486, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 26.1315, 0.3486, 0.3483.



This preview shows how white text looks on a background with the Yxy color 26.1315, 0.3486, 0.3483.

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

26.1315, 0.3486, 0.3483

Protanopia

26.0826, 0.3340, 0.3506

Deuteranopia

26.1541, 0.3525, 0.3466



Tritanopia

26.0578, 0.3294, 0.3119

Trichromacy



Original Color

26.1315, 0.3486, 0.3483

Protanomaly

26.1417, 0.3400, 0.3503

Deuteranomaly

26.0523, 0.3513, 0.3466

Tritanomaly

26.0244, 0.3358, 0.3243

Monochromacy



Original Color

26.1315, 0.3486, 0.3483

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3255, 0.3246, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1315, 0.3486, 0.3483 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(156, 136, 124)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 124)  
}
```

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(156, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 124) }
```

Border

The CSS property to change the border of an element to Yxy 26.1315, 0.3486, 0.3483 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(156, 136, 124) }
```

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

```
.border{ border-color:rgb(156, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1315, 0.3486, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 124) }
```

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

```
.background{ background-color: rgb(156,  
136, 124) }
```

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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