

Converting Colors

$Y_{xy}(25.8016, 0.3562, 0.3498)$

Have a look what the booklet for
Yxy(25.8016, 0.3562, 0.3498)
contains.

Yxy(25.8016, 0.3562, 0.3498)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8016, 0.3562, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	9F8679
RGB	159, 134, 121
RGB Percent	62%, 53%, 47%
CMY	0.3765, 0.4745, 0.5255
CMYK	0.00, 0.16, 0.24, 0.38
HSL	21°, 17%, 55%
HSV	21°, 24%, 62%
XYZ	26.2737, 25.8016, 21.6857
YIQ	139.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

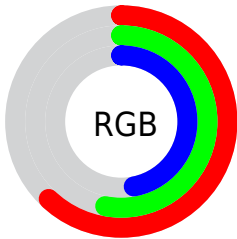
Format	Color
R_{YB}	159, 141, 121
Decimal	10454649
CIE _{Lab}	57.85, 7.40, 10.53
CIE _{LCh}	58, 12.867, 54.900
Yxy	25.8016, 0.3562, 0.3498
Android (android.graphics.Color)	4288644729 (0xFF9F8679)
YUV	139.9930, -9.3635, 16.6691
Hunter-Lab	50.7953, 3.4367, 10.2444

Details

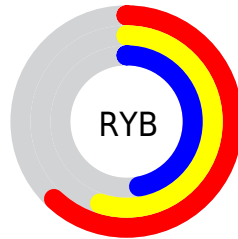
The Yxy color **25.8016, 0.3562, 0.3498** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1239, 0.2766, 0.3072**, and the grayscale version is **26.2546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8539, 0.3471, 0.3458**, and **9.9343, 0.3737, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **22.6946, 0.3798, 0.3591**, and if you desaturate by 10%, it is **29.2611, 0.3360, 0.3408**.

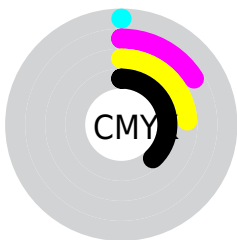
Distribution



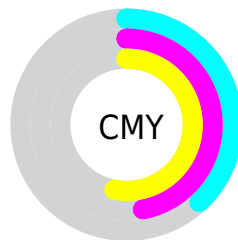
- Red (62%)
- Green (53%)
- Blue (47%)



- Red (62%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (38%)





- Cyan (38%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8016, 0.3562, 0.3498 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 25.8016, 0.3562, 0.3498 by changing the saturation by 10% instead.


 25.8016, 0.3562,
0.3498


 25.8016, 0.3562,
0.3498


281.8068, 0.3322,
0.3387


 16.6753, 0.3631,
0.3528


 52.9547, 0.3468,
0.3456

 10.0032, 0.3725,
0.3567


 71.7503, 0.3435,
0.3441

 5.4011, 0.3863,
0.3622

 94.5377, 0.3408,
0.3428

 2.4845, 0.4080,
0.3701

121.7014, 0.3385,
0.3417

 0.8688, 0.4853,
0.4145

153.6258, 0.3366,
0.3408

 0.0000, 0.0000,
0.0000

190.6952, 0.3349,

0.3400

233.2941, 0.3334,
0.3393

■ 25.8016, 0.3562,
0.3498

■ 25.8016, 0.3562,
0.3498

■ 22.6946, 0.3798,
0.3591

■ 29.2611, 0.3360,
0.3408

■ 19.9253, 0.4069,
0.3681

■ 33.0806, 0.3187,
0.3322

■ 17.4828, 0.4374,
0.3762

■ 37.2715, 0.3040,
0.3242

■ 15.3542, 0.4706,
0.3826

■ 41.8438, 0.2915,
0.3168

■ 13.5257, 0.5050,
0.3859

■ 46.8070, 0.2809,
0.3101

■ 11.9824, 0.5383,
0.3851

■ 52.1703, 0.2718,
0.3039

■ 10.7077, 0.5673,
0.3795

■ 57.9426, 0.2639,
0.2983

■ 10.0473, 0.5835,
0.3749

■ 64.1326, 0.2571,
0.2931

■ 70.1484, 0.2556,
0.2982

Harmonies

Analogous

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



25.8016, 0.3513, 0.3317



25.8016, 0.3562, 0.3498



25.8016, 0.3490, 0.3633

Triad

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



25.8016, 0.3562, 0.3498



25.8016, 0.2897, 0.3448



25.8016, 0.2927, 0.2927

Complementary

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



25.8016, 0.3562, 0.3498



27.1239, 0.2766, 0.3072

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.



25.8016, 0.2772, 0.2948



25.8016, 0.3562, 0.3498



25.8016, 0.2756, 0.3243

Square

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



25.8016, 0.3562, 0.3498



25.8016, 0.3103, 0.3611



25.8016, 0.2711, 0.3060



25.8016, 0.3140, 0.2996

Rectangle

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



25.8016, 0.3562, 0.3498



25.8016, 0.3385, 0.3675



25.8016, 0.2711, 0.3060



25.8016, 0.2866, 0.2924

Sweetspot

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



25.8028, 0.3562, 0.3498



56.9610, 0.3240, 0.3349



23.1319, 0.3298, 0.2896



12.7569, 0.3249, 0.3354



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.



25.8028, 0.3562, 0.3498



42.9887, 0.3691, 0.3550



31.4232, 0.3499, 0.3780



6.9988, 0.3276, 0.3367



8.0076, 0.5819, 0.3762



0.2178, 0.5125, 0.4313

Inverse Universe

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



27.1239, 0.2766, 0.3072



45.7929, 0.2681, 0.3013



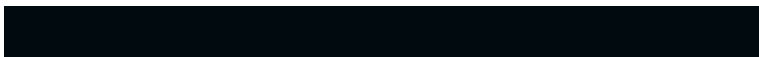
21.8340, 0.2740, 0.2747



7.1268, 0.2988, 0.3212



9.9700, 0.1932, 0.2155



0.2538, 0.2073, 0.2663

Previews

White Background



This preview shows how the Yxy color 25.8016, 0.3562, 0.3498 looks on a white background.

Color Contrast Check

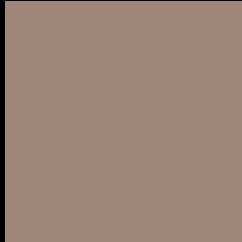
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8016, 0.3562, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

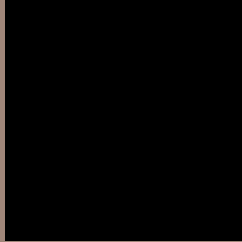
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8016, 0.3562, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 25.8016, 0.3562, 0.3498.



This preview shows how white text looks on a background with the Yxy color 25.8016, 0.3562, 0.3498.

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

25.8016, 0.3562, 0.3498

Protanopia

25.9150, 0.3361, 0.3557

Deuteranopia

25.8016, 0.3562, 0.3498



Tritanopia

25.7328, 0.3366, 0.3136

Trichromacy



Original Color

25.8016, 0.3562, 0.3498

Protanomaly

25.7805, 0.3435, 0.3537

Deuteranomaly

25.8016, 0.3562, 0.3498

Tritanomaly

25.6973, 0.3431, 0.3260

Monochromacy



Original Color

25.8016, 0.3562, 0.3498

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0735, 0.3279, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8016, 0.3562, 0.3498 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(159, 134, 121)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 121)  
}
```

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(159, 134, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.8016, 0.3562, 0.3498 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(159, 134, 121) }
```

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

```
.border{ border-color:rgb(159, 134, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 121);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8016, 0.3562, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 121) }
```

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

```
.background{ background-color: rgb(159,  
134, 121) }
```

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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