

Converting Colors

$Y_{xy}(25.9425, 0.3533, 0.3340)$

Have a look what the booklet for
Yxy(25.9425, 0.3533, 0.3340)
contains.

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Color

Yxy(25.9800, 0.3536, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	A48481
RGB	164, 132, 129
RGB Percent	64%, 52%, 51%
CMY	0.3569, 0.4823, 0.4941
CMYK	0.00, 0.19, 0.21, 0.36
HSL	5°, 16%, 57%
HSV	5°, 21%, 64%
XYZ	27.5211, 25.9800, 24.3300
YIQ	141.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

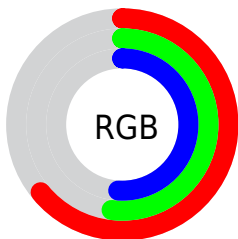
Format	Color
RYB	164, 132, 129
Decimal	10781825
CIELab	58.02, 11.74, 6.25
CIElCh	58, 13.303, 28.038
Yxy	25.9800, 0.3536, 0.3338
Android (android.graphics.Color)	4288971905 (0xFFA48481)
YUV	141.2260, -6.0274, 19.9728
Hunter-Lab	50.9706, 7.1808, 7.3783

Details

The Yxy color $25.9800, 0.3536, 0.3338$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.8254, 0.2813, 0.3241$, and the grayscale version is $26.7476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1354, 0.3443, 0.3326$, and $10.0585, 0.3697, 0.3336$ is the 20% darker color. If you saturate the color by 10%, you get $21.8028, 0.3798, 0.3362$, and if you desaturate by 10%, it is $30.8133, 0.3322, 0.3315$.

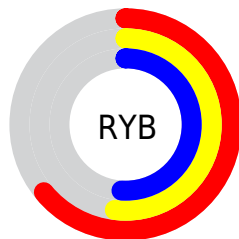
Distribution



Red (64%)

Green (52%)

Blue (51%)



Red (64%)

Yellow (52%)

Blue (51%)

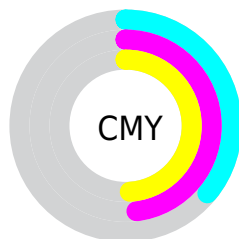


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (36%)



Cyan (36%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9800, 0.3536, 0.3338 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 25.9800, 0.3536, 0.3338 by changing the saturation by 10% instead.


 25.9800, 0.3536,
0.3338


 25.9800, 0.3536,
0.3338

282.6839, 0.3310,
0.3315


 16.8087, 0.3601,
0.3343


 53.2427, 0.3448,
0.3330

 10.0982, 0.3690,
0.3349


 72.1028, 0.3417,
0.3327

 5.4641, 0.3820,
0.3356


 94.9614, 0.3391,
0.3324

 2.5221, 0.4027,
0.3363

122.2027, 0.3370,
0.3322

 0.8876, 0.4511,
0.3438

154.2112, 0.3352,
0.3320

 0.0000, 1.0000,
0.0000

191.3713, 0.3336,

 0.0000, 0.0000,

0.3318

0.0000

234.0674, 0.3322,
0.3316

■ 25.9800, 0.3536,
0.3338

■ 25.9800, 0.3536,
0.3338

■ 21.8028, 0.3798,
0.3362

■ 30.8133, 0.3322,
0.3315

■ 18.2501, 0.4116,
0.3386

■ 36.3257, 0.3148,
0.3293

■ 15.2928, 0.4491,
0.3407


■ 42.5431, 0.3006,
0.3273

■ 12.8985, 0.4916,
0.3420


■ 49.4893, 0.2890,
0.3255

■ 11.0313, 0.5364,
0.3423


■ 57.1868, 0.2795,
0.3238

 9.6512, 0.5788,
0.3410


 65.6572, 0.2716,
0.3223

 8.7127, 0.6125,
0.3381

 74.9214, 0.2650,
0.3210

 8.2090, 0.6327,
0.3358

 84.6609, 0.2619,
0.3254

 86.6311, 0.2624,
0.3289

Harmonies

Analogous

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



25.9800, 0.3384, 0.3150



25.9800, 0.3536, 0.3338



25.9800, 0.3574, 0.3522

Triad

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



25.9800, 0.3536, 0.3338



25.9800, 0.3078, 0.3608



25.9800, 0.2774, 0.2931

Complementary

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



25.9800, 0.3536, 0.3338



32.8254, 0.2813, 0.3241

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.



25.9800, 0.2699, 0.3037



25.9800, 0.3536, 0.3338



25.9800, 0.2871, 0.3432

Square

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



25.9800, 0.3536, 0.3338



25.9800, 0.3304, 0.3689



25.9800, 0.2734, 0.3219



25.9800, 0.2941, 0.2919

Rectangle

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



25.9800, 0.3536, 0.3338



25.9800, 0.3529, 0.3618



25.9800, 0.2734, 0.3219



25.9800, 0.2737, 0.2956

Sweetspot

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



25.9812, 0.3536, 0.3338



61.0152, 0.3226, 0.3303



26.1654, 0.3182, 0.2813



13.2067, 0.3237, 0.3304



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.



25.9812, 0.3536, 0.3338



43.1172, 0.3664, 0.3350



31.0995, 0.3483, 0.3601



7.1796, 0.3283, 0.3310



6.3277, 0.6318, 0.3366



0.1606, 0.5971, 0.3641

Inverse Universe

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



32.8254, 0.2813, 0.3241



57.9822, 0.2743, 0.3229



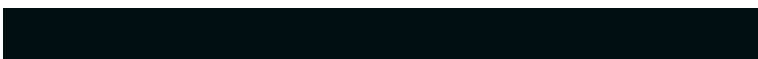
27.1640, 0.2794, 0.2958



7.9063, 0.2988, 0.3270



18.7798, 0.2173, 0.3023



0.4230, 0.2202, 0.3127

Previews

White Background



This preview shows how the Yxy color 25.9800, 0.3536, 0.3338 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 25.9800, 0.3536, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

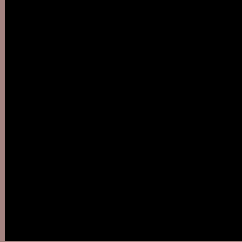
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9800, 0.3536, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 25.9800, 0.3536, 0.3338.



This preview shows how white text looks on a background with the Yxy color 25.9800, 0.3536, 0.3338.

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

25.9800, 0.3536, 0.3338

Protanopia

26.0880, 0.3244, 0.3390

Deuteranopia

26.0546, 0.3456, 0.3402



Tritanopia

25.8580, 0.3426, 0.3138

Trichromacy



Original Color

25.9800, 0.3536, 0.3338

Protanomaly

25.8536, 0.3340, 0.3355

Deuteranomaly

26.0823, 0.3494, 0.3386

Tritanomaly

26.0095, 0.3470, 0.3214

Monochromacy



Original Color

25.9800, 0.3536, 0.3338

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3727, 0.3260, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9800, 0.3536, 0.3338 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, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 132, 129)  
}
```

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, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 132, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.9800, 0.3536, 0.3338 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, 132, 129) }
```

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

```
.border{ border-color:rgb(164, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 132,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9800, 0.3536, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 132, 129) }
```

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

```
.background{ background-color: rgb(164,  
132, 129) }
```

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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