

Converting Colors

$Y_{xy}(25.9610, 0.3212, 0.3306)$

Have a look what the booklet for
Yxy(25.9610, 0.3212, 0.3306)
contains.

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Color

Yxy(26.0028, 0.3215, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	918A89
RGB	145, 138, 137
RGB Percent	57%, 54%, 54%
CMY	0.4314, 0.4588, 0.4628
CMYK	0.00, 0.05, 0.06, 0.43
HSL	8°, 4%, 55%
HSV	8°, 6%, 57%
XYZ	25.2794, 26.0028, 27.3474
YIQ	139.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

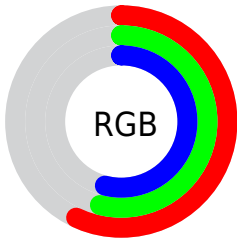
Format	Color
R_{YB}	145, 138, 137
Decimal	9538185
CIE Lab	58.04, 2.41, 1.47
CIE LCh	58, 2.823, 31.322
Yxy	26.0028, 0.3215, 0.3307
Android (android.graphics.Color)	4287728265 (0xFF918A89)
YUV	139.9790, -1.4686, 4.4034
Hunter-Lab	50.9929, -0.7475, 3.8980

Details

The Yxy color **26.0028, 0.3215, 0.3307** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3002, 0.3044, 0.3273**, and the grayscale version is **26.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1214, 0.3200, 0.3302**, and **10.1005, 0.3258, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **22.1941, 0.3401, 0.3340**, and if you desaturate by 10%, it is **30.2925, 0.3063, 0.3277**.

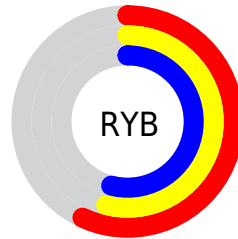
Distribution



Red (57%)

Green (54%)

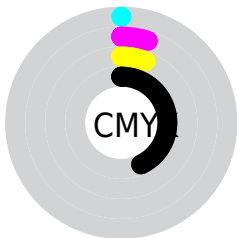
Blue (54%)



Red (57%)

Yellow (54%)

Blue (54%)

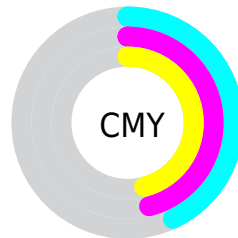


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (43%)



Cyan (43%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0028, 0.3215, 0.3307 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 26.0028, 0.3215, 0.3307 by changing the saturation by 10% instead.


 26.0028, 0.3215,
0.3307

 26.0028, 0.3215,
0.3307


282.7958, 0.3167,
0.3298


 16.8257, 0.3229,
0.3310


 53.2795, 0.3196,
0.3304

 10.1103, 0.3248,
0.3313


 72.1479, 0.3190,
0.3302

 5.4722, 0.3275,
0.3318

 95.0155, 0.3184,
0.3301

 2.5269, 0.3319,
0.3325

122.2667, 0.3180,
0.3300

 0.8900, 0.3404,
0.3342

154.2860, 0.3176,
0.3300

 0.0000, 0.0000,
0.0000

191.4577, 0.3172,

0.3299

234.1661, 0.3169,
0.3298

■ 26.0028, 0.3215,
0.3307

■ 26.0028, 0.3215,
0.3307

■ 22.1941, 0.3401,
0.3340

■ 30.2925, 0.3063,
0.3277

■ 18.8465, 0.3626,
0.3374

■ 35.0757, 0.2937,
0.3249

■ 15.9433, 0.3900,
0.3409

■ 40.3686, 0.2834,
0.3224

■ 13.4658, 0.4225,
0.3442

■ 46.1857, 0.2748,
0.3201

■ 11.3940, 0.4603,
0.3470

■ 52.5409, 0.2675,
0.3181

■ 9.7061, 0.5022,
0.3487

■ 59.4476, 0.2615,
0.3162

■ 8.3784, 0.5452,
0.3486

■ 66.9185, 0.2563,
0.3145

■ 7.3844, 0.5845,
0.3462

■ 74.9663, 0.2519,
0.3130

■ 6.6932, 0.6151,
0.3419

■ 82.7728, 0.2535,
0.3253

Harmonies

Analogous

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



26.0028, 0.3186, 0.3265



26.0028, 0.3215, 0.3307



26.0028, 0.3220, 0.3345

Triad

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



26.0028, 0.3215, 0.3307



26.0028, 0.3113, 0.3352



26.0028, 0.3054, 0.3212

Complementary

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



26.0028, 0.3215, 0.3307



27.3002, 0.3044, 0.3273

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.



26.0028, 0.3035, 0.3234



26.0028, 0.3215, 0.3307



26.0028, 0.3069, 0.3316

Square

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



26.0028, 0.3215, 0.3307



26.0028, 0.3161, 0.3372



26.0028, 0.3040, 0.3272



26.0028, 0.3093, 0.3210

Rectangle

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



26.0028, 0.3215, 0.3307



26.0028, 0.3210, 0.3363



26.0028, 0.3040, 0.3272



26.0028, 0.3045, 0.3217

Sweetspot

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



26.0039, 0.3215, 0.3307



49.1487, 0.3159, 0.3296



25.9219, 0.3143, 0.3175



10.9558, 0.3156, 0.3296



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.0039, 0.3215, 0.3307



45.4087, 0.3243, 0.3312



27.1490, 0.3210, 0.3371



5.6897, 0.3246, 0.3313



5.5716, 0.6259, 0.3412



0.0705, 0.5752, 0.3815

Inverse Universe

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



27.3002, 0.3044, 0.3273



48.3792, 0.3020, 0.3268



26.1338, 0.3045, 0.3208



6.0723, 0.3018, 0.3267



14.6901, 0.2137, 0.2893



0.1617, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 26.0028, 0.3215, 0.3307 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 26.0028, 0.3215, 0.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

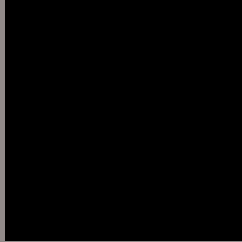
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

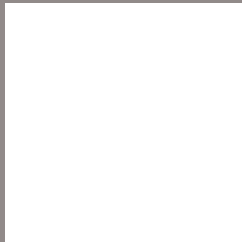
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0028, 0.3215, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 26.0028, 0.3215, 0.3307.



This preview shows how white text looks on a background with the Yxy color 26.0028, 0.3215, 0.3307.

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

26.0028, 0.3215, 0.3307

Protanopia

26.0222, 0.3180, 0.3323

Deuteranopia

26.0329, 0.3311, 0.3243



Tritanopia

25.8259, 0.3124, 0.3113

Trichromacy



Original Color

26.0028, 0.3215, 0.3307

Protanomaly

26.1110, 0.3191, 0.3323

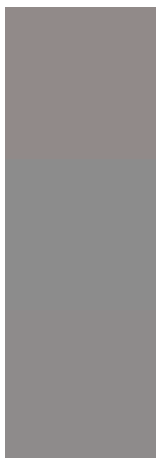
Deuteranomaly

26.0226, 0.3275, 0.3258

Tritanomaly

25.9855, 0.3165, 0.3193

Monochromacy



Original Color

26.0028, 0.3215, 0.3307

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0801, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0028, 0.3215, 0.3307 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(145, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 137)  
}
```

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(145, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 137) }
```

Border

The CSS property to change the border of an element to Yxy 26.0028, 0.3215, 0.3307 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(145, 138, 137) }
```

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

```
.border{ border-color:rgb(145, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0028, 0.3215, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 137) }
```

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

```
.background{ background-color: rgb(145,  
138, 137) }
```

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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