

Converting Colors

$Y_{xy}(25.9561, 0.3198, 0.3354)$

Have a look what the booklet for
Yxy(25.9561, 0.3198, 0.3354)
contains.

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Color

Yxy(25.9653, 0.3201, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	8E8B87
RGB	142, 139, 135
RGB Percent	56%, 55%, 53%
CMY	0.4432, 0.4549, 0.4706
CMYK	0.00, 0.02, 0.05, 0.44
HSL	34°, 3%, 54%
HSV	34°, 5%, 56%
XYZ	24.7587, 25.9653, 26.6227
YIQ	139.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

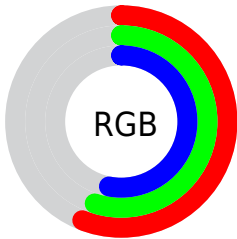
Format	Color
R_{YB}	140, 142, 135
Decimal	9341831
CIE Lab	58.00, 0.34, 2.53
CIE LCh	58, 2.554, 82.305
Yxy	25.9653, 0.3201, 0.3357
Android (android.graphics.Color)	4287531911 (0xFF8E8B87)
YUV	139.4410, -2.1894, 2.2442
Hunter-Lab	50.9562, -2.4433, 4.6924

Details

The Yxy color **25.9653, 0.3201, 0.3357** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2693, 0.3054, 0.3222**, and the grayscale version is **26.0050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0659, 0.3190, 0.3339**, and **10.0759, 0.3237, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **23.8912, 0.3364, 0.3499**, and if you desaturate by 10%, it is **28.1917, 0.3056, 0.3223**.

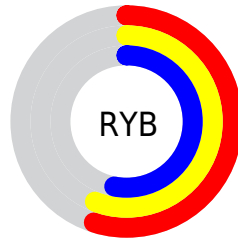
Distribution



Red (56%)

Green (55%)

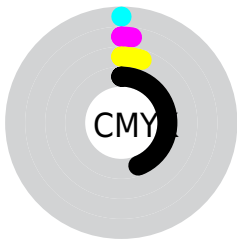
Blue (53%)



Red (55%)

Yellow (56%)

Blue (53%)

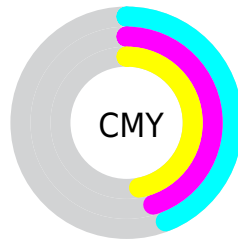


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (44%)



Cyan (44%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9653, 0.3201, 0.3357 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 25.9653, 0.3201, 0.3357 by changing the saturation by 10% instead.

■ 25.9653, 0.3201,
0.3357

■ 25.9653, 0.3201,
0.3357

282.6117, 0.3160,
0.3320

■ 16.7977, 0.3213,
0.3367

■ 53.2190, 0.3185,
0.3343

■ 10.0903, 0.3228,
0.3382

■ 72.0738, 0.3180,
0.3338

■ 5.4589, 0.3251,
0.3402

■ 94.9265, 0.3175,
0.3334

■ 2.5190, 0.3288,
0.3435

122.1614, 0.3171,
0.3330

■ 0.8861, 0.3369,
0.3510

154.1630, 0.3168,
0.3327

■ 0.0000, 0.0000,
0.0000

191.3157, 0.3165,

0.3325

234.0038, 0.3163,
0.3322

■ 25.9653, 0.3201,
0.3357

■ 25.9653, 0.3201,
0.3357

■ 23.8912, 0.3364,
0.3499

■ 28.1917, 0.3056,
0.3223

■ 21.9623, 0.3547,
0.3646

■ 30.5706, 0.2927,
0.3099

■ 20.1760, 0.3748,
0.3795

■ 33.1064, 0.2814,
0.2983

■ 18.5283, 0.3967,
0.3941

■ 35.8022, 0.2714,
0.2877

■ 17.0149, 0.4198,
0.4075

■ 38.6614, 0.2625,
0.2779

■ 15.6312, 0.4435,
0.4188

■ 41.6868, 0.2547,
0.2690

■ 14.3722, 0.4667,
0.4269

■ 44.8814, 0.2478,
0.2608

■ 13.2325, 0.4883,
0.4306

■ 48.2481, 0.2417,
0.2534

■ 12.2054, 0.5071,
0.4294

■ 51.2786, 0.2399,
0.2544

Harmonies

Analogous

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



25.9653, 0.3212, 0.3331



25.9653, 0.3201, 0.3357



25.9653, 0.3170, 0.3366

Triad

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



25.9653, 0.3201, 0.3357



25.9653, 0.3054, 0.3286



25.9653, 0.3127, 0.3228

Complementary

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



25.9653, 0.3201, 0.3357



25.2693, 0.3054, 0.3222

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.



25.9653, 0.3085, 0.3216



25.9653, 0.3201, 0.3357



25.9653, 0.3043, 0.3249

Square

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



25.9653, 0.3201, 0.3357



25.9653, 0.3085, 0.3324



25.9653, 0.3054, 0.3223



25.9653, 0.3169, 0.3256

Rectangle

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



25.9653, 0.3201, 0.3357



25.9653, 0.3142, 0.3360



25.9653, 0.3054, 0.3223



25.9653, 0.3112, 0.3222

Sweetspot

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



25.9664, 0.3201, 0.3357



47.3009, 0.3142, 0.3304



24.9092, 0.3174, 0.3240



10.5707, 0.3141, 0.3303



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.9664, 0.3201, 0.3357



45.3473, 0.3220, 0.3374



26.8000, 0.3192, 0.3406



6.0428, 0.3224, 0.3378



10.5619, 0.5159, 0.4286



0.1448, 0.4649, 0.4691

Inverse Universe

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



25.2693, 0.3054, 0.3222



43.8323, 0.3037, 0.3205



24.4650, 0.3061, 0.3172



5.8308, 0.3032, 0.3201



4.7299, 0.1718, 0.1384



0.0874, 0.1945, 0.2201

Previews

White Background



This preview shows how the Yxy color 25.9653, 0.3201, 0.3357 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 25.9653, 0.3201, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

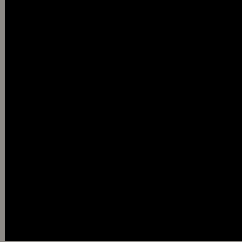
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

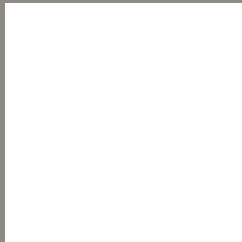
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9653, 0.3201, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 25.9653, 0.3201, 0.3357.



This preview shows how white text looks on a background with the Yxy color 25.9653, 0.3201, 0.3357.

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

25.9653, 0.3201, 0.3357

Protanopia

26.0541, 0.3212, 0.3356

Deuteranopia

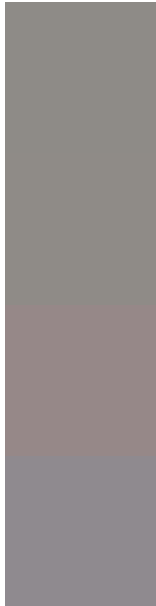
25.9755, 0.3332, 0.3275



Tritanopia

25.9587, 0.3092, 0.3112

Trichromacy



Original Color

25.9653, 0.3201, 0.3357

Protanomaly

26.0541, 0.3212, 0.3356

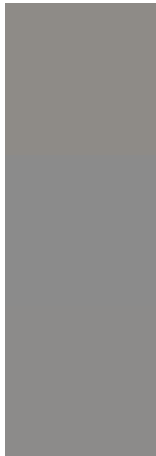
Deuteranomaly

25.8699, 0.3285, 0.3290

Tritanomaly

25.9998, 0.3131, 0.3208

Monochromacy



Original Color

25.9653, 0.3201, 0.3357

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8757, 0.3148, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9653, 0.3201, 0.3357 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(142, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 135)  
}
```

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(142, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 135) }
```

Border

The CSS property to change the border of an element to Yxy 25.9653, 0.3201, 0.3357 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(142, 139, 135) }
```

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

```
.border{ border-color:rgb(142, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 139, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 139, 135); box-shadow:4px 4px 4px 4px rgb(142, 139, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9653, 0.3201, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 135) }
```

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

```
.background{ background-color: rgb(142,  
139, 135) }
```

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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