

Converting Colors

$Y_{xy}(25.3512, 0.3207, 0.3333)$

Have a look what the booklet for
Yxy(25.3512, 0.3207, 0.3333)
contains.

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Color

Yxy(25.3633, 0.3214, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	8E8986
RGB	142, 137, 134
RGB Percent	56%, 54%, 53%
CMY	0.4431, 0.4628, 0.4745
CMYK	0.00, 0.04, 0.06, 0.44
HSL	22°, 3%, 54%
HSV	22°, 6%, 56%
XYZ	24.4065, 25.3633, 26.1682
YIQ	138.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

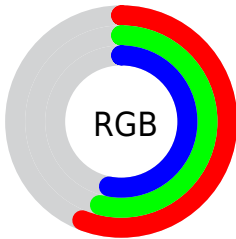
Format	Color
R_{YB}	142, 139, 134
Decimal	9341318
CIE _{Lab}	57.43, 1.30, 2.25
CIE _{LCh}	57, 2.603, 59.915
Yxy	25.3633, 0.3214, 0.3340
Android (android.graphics.Color)	4287531398 (0xFF8E8986)
YUV	138.1530, -2.0474, 3.3738
Hunter-Lab	50.3620, -1.6286, 4.4461

Details

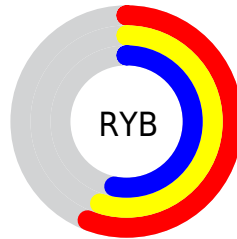
The Yxy color **25.3633, 0.3214, 0.3340** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4969, 0.3043, 0.3239**, and the grayscale version is **25.4853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1505, 0.3200, 0.3327**, and **9.7318, 0.3258, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **22.5663, 0.3388, 0.3433**, and if you desaturate by 10%, it is **28.4247, 0.3065, 0.3253**.

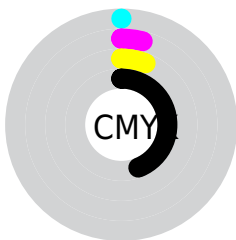
Distribution



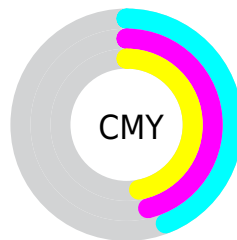
- Red (56%)
- Green (54%)
- Blue (53%)



- Red (56%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (44%)





- Cyan (44%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3633, 0.3214, 0.3340 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 25.3633, 0.3214, 0.3340 by changing the saturation by 10% instead.


 25.3633, 0.3214,
0.3340


 25.3633, 0.3214,
0.3340

279.6424, 0.3166,
0.3313


 16.3479, 0.3228,
0.3348


 52.2460, 0.3195,
0.3329

 9.7707, 0.3247,
0.3358


 70.8821, 0.3189,
0.3326

 5.2472, 0.3274,
0.3374

 93.4939, 0.3183,
0.3323

 2.3930, 0.3319,
0.3398

120.4658, 0.3179,
0.3320

 0.8223, 0.3427,
0.3464

152.1823, 0.3175,
0.3318

 0.0000, 0.0000,
0.0000

189.0276, 0.3172,

0.3316

231.3861, 0.3169,
0.3314

■ 25.3633, 0.3214,
0.3340

■ 25.3633, 0.3214,
0.3340

■ 22.5663, 0.3388,
0.3433

■ 28.4247, 0.3065,
0.3253

■ 20.0233, 0.3590,
0.3531

■ 31.7540, 0.2937,
0.3172

■ 17.7278, 0.3824,
0.3631

■ 35.3589, 0.2828,
0.3097

■ 15.6722, 0.4090,
0.3727

■ 39.2457, 0.2733,
0.3029

■ 13.8480, 0.4386,
0.3814

■ 43.4206, 0.2652,
0.2967

■ 12.2464, 0.4704,
0.3881

■ 47.8894, 0.2582,
0.2910

■ 10.8581, 0.5031,
0.3916

■ 52.6580, 0.2520,
0.2859

■ 9.6727, 0.5343,
0.3909

■ 57.7319, 0.2467,
0.2811

■ 8.6778, 0.5618,
0.3855

■ 62.6690, 0.2451,
0.2841

Harmonies

Analogous

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



25.3633, 0.3208, 0.3304



25.3633, 0.3214, 0.3340



25.3633, 0.3197, 0.3363

Triad

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



25.3633, 0.3214, 0.3340



25.3633, 0.3074, 0.3316



25.3633, 0.3094, 0.3215

Complementary

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



25.3633, 0.3214, 0.3340



25.4969, 0.3043, 0.3239

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.



25.3633, 0.3058, 0.3218



25.3633, 0.3214, 0.3340



25.3633, 0.3047, 0.3276

Square

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



25.3633, 0.3214, 0.3340



25.3633, 0.3116, 0.3349



25.3633, 0.3041, 0.3240



25.3633, 0.3138, 0.3232

Rectangle

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



25.3633, 0.3214, 0.3340



25.3633, 0.3174, 0.3368



25.3633, 0.3041, 0.3240



25.3633, 0.3080, 0.3214

Sweetspot

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



25.3644, 0.3214, 0.3340



46.6023, 0.3158, 0.3308



24.6725, 0.3164, 0.3206



10.4249, 0.3156, 0.3307



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.



25.3644, 0.3214, 0.3340



43.9429, 0.3239, 0.3354



26.5079, 0.3209, 0.3405



5.8568, 0.3242, 0.3356



7.4797, 0.5728, 0.3834



0.1113, 0.5012, 0.4402

Inverse Universe

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



25.4969, 0.3043, 0.3239



44.2362, 0.3021, 0.3225



24.3734, 0.3045, 0.3172



5.8970, 0.3018, 0.3224



8.2097, 0.1904, 0.2053



0.1209, 0.2075, 0.2669

Previews

White Background



This preview shows how the Yxy color 25.3633, 0.3214, 0.3340 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 25.3633, 0.3214, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

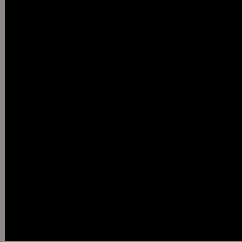
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

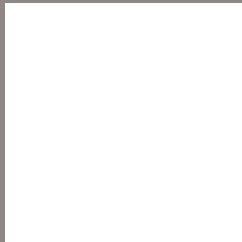
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3633, 0.3214, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 25.3633, 0.3214, 0.3340.



This preview shows how white text looks on a background with the Yxy color 25.3633, 0.3214, 0.3340.

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

25.3633, 0.3214, 0.3340

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

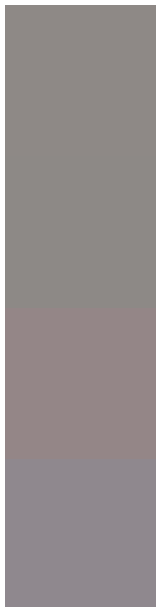
25.1997, 0.3324, 0.3258



Tritanopia

25.3326, 0.3113, 0.3111

Trichromacy



Original Color

25.3633, 0.3214, 0.3340

Protanomaly

25.2753, 0.3203, 0.3340

Deuteranomaly

25.0954, 0.3276, 0.3274

Tritanomaly

25.4010, 0.3143, 0.3191

Monochromacy



Original Color

25.3633, 0.3214, 0.3340

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4721, 0.3148, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3633, 0.3214, 0.3340 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, 137, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 137, 134)  
}
```

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, 137, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 137, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.3633, 0.3214, 0.3340 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, 137, 134) }
```

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

```
.border{ border-color:rgb(142, 137, 134) }
```

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

Here you see how a box with a 4 pixel rgb(142, 137, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 137, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 137, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 137,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3633, 0.3214, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 137, 134) }
```

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

```
.background{ background-color: rgb(142,  
137, 134) }
```

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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