

Converting Colors

$Y_{xy}(26.8121, 0.3374, 0.3322)$

Have a look what the booklet for
Yxy(26.8121, 0.3374, 0.3322)
contains.

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Color

Yxy(26.8087, 0.3374, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	9D8987
RGB	157, 137, 135
RGB Percent	62%, 54%, 53%
CMY	0.3842, 0.4628, 0.4706
CMYK	0.00, 0.13, 0.14, 0.38
HSL	5°, 10%, 57%
HSV	5°, 14%, 62%
XYZ	27.2283, 26.8087, 26.6634
YIQ	142.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

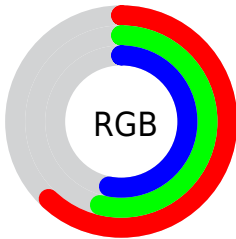
Format	Color
R_{YB}	157, 137, 135
Decimal	10324359
CIE _{Lab}	58.80, 7.21, 3.83
CIE _{LCh}	59, 8.164, 28.008
Yxy	26.8087, 0.3374, 0.3322
Android (android.graphics.Color)	4288514439 (0xFF9D8987)
YUV	142.7520, -3.8217, 12.4955
Hunter-Lab	51.7771, 3.2589, 5.7117

Details

The Yxy color $26.8087, 0.3374, 0.3322$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.0452, 0.2918, 0.3258$, and the grayscale version is $27.3779, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4548, 0.3326, 0.3314$, and $10.4755, 0.3464, 0.3337$ is the 20% darker color. If you saturate the color by 10%, you get $22.6032, 0.3599, 0.3347$, and if you desaturate by 10%, it is $31.6198, 0.3191, 0.3299$.

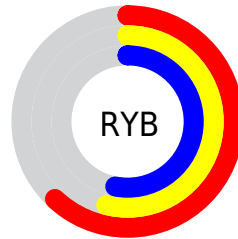
Distribution



Red (62%)

Green (54%)

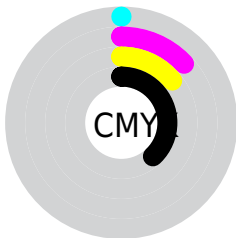
Blue (53%)



Red (62%)

Yellow (54%)

Blue (53%)

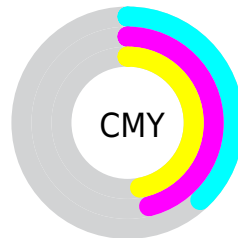


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8087, 0.3374, 0.3322 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 26.8087, 0.3374, 0.3322 by changing the saturation by 10% instead.


 26.8087, 0.3374,
0.3322

 26.8087, 0.3374,
0.3322


286.7297, 0.3239,
0.3306


 17.4296, 0.3412,
0.3326


 54.5767, 0.3322,
0.3316

 10.5413, 0.3465,
0.3331


 73.7345, 0.3303,
0.3314

 5.7593, 0.3542,
0.3338


 96.9205, 0.3287,
0.3312

 2.6993, 0.3663,
0.3347

124.5193, 0.3275,
0.3310

 0.9768, 0.3896,
0.3370

156.9152, 0.3264,
0.3309

 0.0000, 1.0000,
0.0000

194.4927, 0.3254,

 0.0000, 0.0000,

0.3308

0.0000

237.6360, 0.3246,
0.3307

■ 26.8087, 0.3374,
0.3322

■ 26.8087, 0.3374,
0.3322

■ 22.6032, 0.3599,
0.3347

■ 31.6198, 0.3191,
0.3299

■ 18.9759, 0.3873,
0.3372

■ 37.0553, 0.3042,
0.3277

■ 15.9025, 0.4203,
0.3396

■ 43.1378, 0.2920,
0.3258

■ 13.3558, 0.4590,
0.3416

■ 49.8877, 0.2819,
0.3240

■ 11.3061, 0.5021,
0.3428

■ 57.3244, 0.2737,
0.3225

■ 9.7208, 0.5466,
0.3427

■ 65.4666, 0.2668,
0.3210

■ 8.5636, 0.5873,
0.3410

■ 74.3321, 0.2610,
0.3197

■ 7.7924, 0.6180,
0.3377

■ 83.5701, 0.2586,
0.3247

■ 7.4895, 0.6320,
0.3364

■ 85.9113, 0.2592,
0.3288

Harmonies

Analogous

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



26.8087, 0.3283, 0.3205



26.8087, 0.3374, 0.3322



26.8087, 0.3397, 0.3434

Triad

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



26.8087, 0.3374, 0.3322



26.8087, 0.3099, 0.3480



26.8087, 0.2911, 0.3070

Complementary

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



26.8087, 0.3374, 0.3322



31.0452, 0.2918, 0.3258

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.



26.8087, 0.2864, 0.3138



26.8087, 0.3374, 0.3322



26.8087, 0.2972, 0.3376

Square

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



26.8087, 0.3374, 0.3322



26.8087, 0.3236, 0.3530



26.8087, 0.2886, 0.3250



26.8087, 0.3015, 0.3061

Rectangle

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



26.8087, 0.3374, 0.3322



26.8087, 0.3371, 0.3491



26.8087, 0.2886, 0.3250



26.8087, 0.2888, 0.3087

Sweetspot

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



26.8099, 0.3374, 0.3322



56.5556, 0.3192, 0.3299



26.8744, 0.3162, 0.2981



12.3020, 0.3204, 0.3301



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.8099, 0.3374, 0.3322



45.3890, 0.3443, 0.3330



30.0551, 0.3350, 0.3490



6.7375, 0.3282, 0.3311



6.1064, 0.6312, 0.3370



0.1340, 0.5936, 0.3668

Inverse Universe

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



31.0452, 0.2918, 0.3258



54.5448, 0.2871, 0.3250



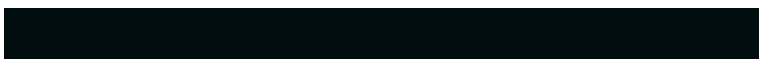
27.5892, 0.2913, 0.3081



7.4072, 0.2988, 0.3269



17.9236, 0.2170, 0.3011



0.3473, 0.2203, 0.3132

Previews

White Background



This preview shows how the Yxy color 26.8087, 0.3374, 0.3322 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 26.8087, 0.3374, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

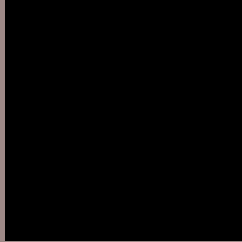
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8087, 0.3374, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 26.8087, 0.3374, 0.3322.



This preview shows how white text looks on a background with the Yxy color 26.8087, 0.3374, 0.3322.

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

26.8087, 0.3374, 0.3322

Protanopia

26.8756, 0.3211, 0.3356

Deuteranopia

26.9097, 0.3385, 0.3322



Tritanopia

26.6724, 0.3270, 0.3120

Trichromacy



Original Color

26.8087, 0.3374, 0.3322

Protanomaly

26.9233, 0.3267, 0.3355

Deuteranomaly

26.9097, 0.3385, 0.3322

Tritanomaly

26.8304, 0.3311, 0.3197

Monochromacy



Original Color

26.8087, 0.3374, 0.3322

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2391, 0.3213, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8087, 0.3374, 0.3322 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(157, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(157, 137, 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(157, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 137, 135) }
```

Border

The CSS property to change the border of an element to Yxy 26.8087, 0.3374, 0.3322 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(157, 137, 135) }
```

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

```
.border{ border-color:rgb(157, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(157, 137,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8087, 0.3374, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 137, 135) }
```

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

```
.background{ background-color: rgb(157,  
137, 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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