

Converting Colors

$Y_{xy}(27.5325, 0.3334, 0.3632)$

Have a look what the booklet for
Yxy(27.5325, 0.3334, 0.3632)
contains.

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Color

Yxy(27.7258, 0.3337, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	91917C
RGB	145, 145, 124
RGB Percent	57%, 57%, 49%
CMY	0.4312, 0.4314, 0.5137
CMYK	0.00, 0.00, 0.14, 0.43
HSL	60°, 9%, 53%
HSV	60°, 14%, 57%
XYZ	25.4458, 27.7258, 23.0820
YIQ	142.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

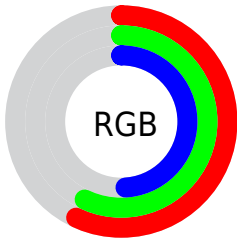
Format	Color
RYB	124, 145, 124
Decimal	9539964
CIELab	59.64, -3.78, 11.16
CIELCh	60, 11.785, 108.723
Yxy	27.7258, 0.3337, 0.3636
Android (android.graphics.Color)	4287730044 (0xFF91917C)
YUV	142.6060, -9.1728, 2.0995
Hunter-Lab	52.6553, -5.8861, 10.8684

Details

The Yxy color **27.7258, 0.3337, 0.3636** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7603, 0.2902, 0.2919**, and the grayscale version is **27.3410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1633, 0.3290, 0.3560**, and **11.0721, 0.3403, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **27.3770, 0.3485, 0.3880**, and if you desaturate by 10%, it is **28.1310, 0.3191, 0.3396**.

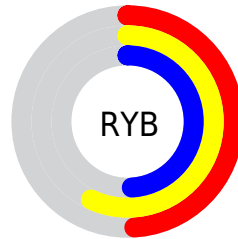
Distribution



Red (57%)

Green (57%)

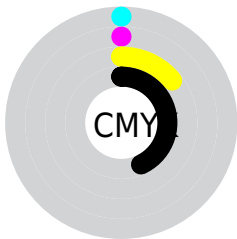
Blue (49%)



Red (49%)

Yellow (57%)

Blue (49%)

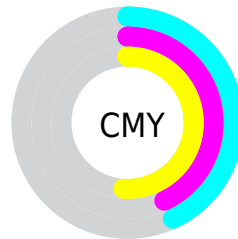


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7258, 0.3337, 0.3636 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 27.7258, 0.3337, 0.3636 by changing the saturation by 10% instead.


 27.7258, 0.3337,
0.3636


 27.7258, 0.3337,
0.3636


291.1544, 0.3224,
0.3446


 18.1191, 0.3368,
0.3690


 56.0464, 0.3294,
0.3563

 11.0355, 0.3410,
0.3763


 75.5290, 0.3278,
0.3537

 6.0907, 0.3469,
0.3869

 99.0724, 0.3265,
0.3515

 2.9003, 0.3558,
0.4034

127.0609, 0.3254,
0.3497

 1.0799, 0.3875,
0.4526

159.8790, 0.3245,
0.3481

 0.0000, 0.0000,
0.0000

197.9110, 0.3237,

0.3468

241.5413, 0.3230,
0.3457

■ 27.7258, 0.3337,
0.3636

■ 27.7258, 0.3337,
0.3636

■ 27.3770, 0.3485,
0.3880

■ 28.1310, 0.3191,
0.3396

■ 27.0786, 0.3630,
0.4119

■ 28.5912, 0.3051,
0.3164

■ 26.8294, 0.3768,
0.4346

■ 29.1097, 0.2918,
0.2944

■ 26.6265, 0.3893,
0.4552

■ 29.6883, 0.2794,
0.2740

■ 26.4670, 0.4000,
0.4728

■ 30.3292, 0.2679,
0.2551

■ 26.3475, 0.4085,
0.4867

■ 31.0339, 0.2575,
0.2378

■ 26.2643, 0.4146,
0.4966

■ 31.8043, 0.2480,
0.2221

■ 26.2124, 0.4182,
0.5025

■ 32.6420, 0.2393,
0.2079

■ 26.1896, 0.4197,
0.5050

■ 33.5486, 0.2316,
0.1951

Harmonies

Analogous

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



27.7258, 0.3473, 0.3578



27.7258, 0.3337, 0.3636



27.7258, 0.3147, 0.3596

Triad

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



27.7258, 0.3337, 0.3636



27.7258, 0.2754, 0.3115



27.7258, 0.3295, 0.3122

Complementary

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



27.7258, 0.3337, 0.3636



20.7603, 0.2902, 0.2919

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.



27.7258, 0.3097, 0.3007



27.7258, 0.3337, 0.3636



27.7258, 0.2790, 0.2998

Square

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



27.7258, 0.3337, 0.3636



27.7258, 0.2814, 0.3287



27.7258, 0.2914, 0.2961



27.7258, 0.3449, 0.3281

Rectangle

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



27.7258, 0.3337, 0.3636



27.7258, 0.3017, 0.3518



27.7258, 0.2914, 0.2961



27.7258, 0.3231, 0.3078

Sweetspot

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



27.7270, 0.3337, 0.3636



50.3822, 0.3185, 0.3386



21.9052, 0.3382, 0.3285



11.1961, 0.3195, 0.3402



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.



27.7270, 0.3337, 0.3636



49.4383, 0.3379, 0.3706



26.8582, 0.3226, 0.3649



6.2834, 0.3259, 0.3507



22.4516, 0.4197, 0.5050



0.2151, 0.4195, 0.5051

Inverse Universe

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



20.7603, 0.2902, 0.2919



34.8005, 0.2853, 0.2838



21.5457, 0.3017, 0.2931



5.2567, 0.2990, 0.3063



1.7598, 0.1501, 0.0602



0.0171, 0.1503, 0.0612

Previews

White Background



This preview shows how the Yxy color 27.7258, 0.3337, 0.3636 looks on a white background.

Color Contrast Check

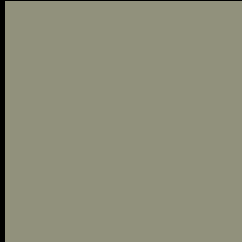
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7258, 0.3337, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

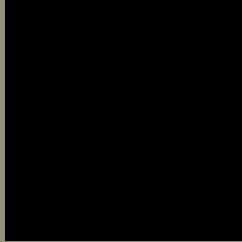
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7258, 0.3337, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 27.7258, 0.3337, 0.3636.



This preview shows how white text looks on a background with the Yxy color 27.7258, 0.3337, 0.3636.

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

27.7258, 0.3337, 0.3636

Protanopia

27.6543, 0.3419, 0.3614

Deuteranopia

27.5501, 0.3562, 0.3492



Tritanopia

27.7063, 0.3103, 0.3117

Trichromacy



Original Color

27.7258, 0.3337, 0.3636

Protanomaly

27.7661, 0.3394, 0.3632

Deuteranomaly

27.6985, 0.3472, 0.3544

Tritanomaly

27.5949, 0.3192, 0.3290

Monochromacy



Original Color

27.7258, 0.3337, 0.3636

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6534, 0.3206, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7258, 0.3337, 0.3636 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, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 124)  
}
```

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, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.7258, 0.3337, 0.3636 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, 145, 124) }
```

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

```
.border{ border-color:rgb(145, 145, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7258, 0.3337, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 124) }
```

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

```
.background{ background-color: rgb(145,  
145, 124) }
```

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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