

Converting Colors

$Y_{xy}(27.4133, 0.3148, 0.3716)$

Have a look what the booklet for
Yxy(27.4133, 0.3148, 0.3716)
contains.

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Color

Yxy(27.5393, 0.3148, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	80957C
RGB	128, 149, 124
RGB Percent	50%, 58%, 49%
CMY	0.4979, 0.4157, 0.5137
CMYK	0.14, 0.00, 0.17, 0.42
HSL	110°, 11%, 54%
HSV	110°, 17%, 58%
XYZ	23.2922, 27.5393, 23.1591
YIQ	139.8710, -4.4910, -12.2270

Conversions

Conversions Part 2

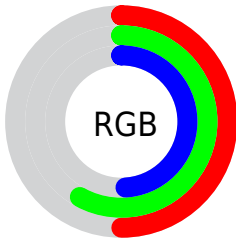
Format	Color
RYB	124, 149, 145
Decimal	8426876
CIELab	59.47, -12.41, 10.74
CIELCh	59, 16.410, 139.139
Yxy	27.5393, 0.3148, 0.3722
Android (android.graphics.Color)	4286616956 (0xFF80957C)
YUV	139.8710, -7.8244, -10.4109
Hunter-Lab	52.4779, -12.6094, 10.5692

Details

The Yxy color $27.5393, 0.3148, 0.3722$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.6034, 0.3099, 0.2882$, and the grayscale version is $26.2082, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7100, 0.3142, 0.3621$, and $10.9056, 0.3158, 0.3886$ is the 20% darker color. If you saturate the color by 10%, you get $26.2811, 0.3157, 0.4017$, and if you desaturate by 10%, it is $28.9762, 0.3136, 0.3455$.

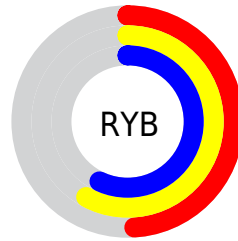
Distribution



Red (50%)

Green (58%)

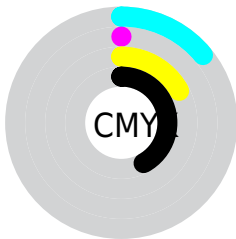
Blue (49%)



Red (49%)

Yellow (58%)

Blue (57%)

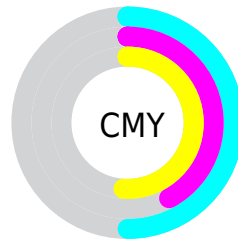


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (42%)



Cyan (50%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5393, 0.3148, 0.3722 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 27.5393, 0.3148, 0.3722 by changing the saturation by 10% instead.

 27.5393, 0.3148,
0.3722


 27.5393, 0.3148,
0.3722


290.2589, 0.3139,
0.3482


 17.9787, 0.3149,
0.3792


 55.7481, 0.3146,
0.3628

 10.9347, 0.3150,
0.3888


 75.1650, 0.3144,
0.3595

 6.0229, 0.3148,
0.4031

 98.6361, 0.3143,
0.3567

 2.8590, 0.3141,
0.4260

126.5459, 0.3142,
0.3545

 1.0586, 0.3236,
0.4940

159.2786, 0.3142,
0.3525

 0.0000, 0.0000,
0.0000

197.2188, 0.3141,

0.3509

240.7508, 0.3140,
0.3494

■ 27.5393, 0.3148,
0.3722

■ 27.5393, 0.3148,
0.3722

■ 26.2811, 0.3157,
0.4017

■ 28.9762, 0.3136,
0.3455

■ 25.1911, 0.3163,
0.4336

■ 30.5947, 0.3123,
0.3216

■ 24.2633, 0.3163,
0.4668

■ 32.4022, 0.3109,
0.3006

■ 23.4898, 0.3156,
0.5000

■ 34.4045, 0.3094,
0.2822

■ 22.8620, 0.3142,
0.5310

■ 36.6072, 0.3080,
0.2662

■ 22.3705, 0.3121,
0.5578

■ 39.0157, 0.3066,
0.2522

■ 22.0049, 0.3093,
0.5783

■ 41.6353, 0.3053,
0.2400

■ 21.7513, 0.3062,
0.5919

■ 44.4707, 0.3041,
0.2294

■ 21.6875, 0.3055,
0.5956

■ 47.3256, 0.3053,
0.2227

Harmonies

Analogous

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



27.5393, 0.3414, 0.3776



27.5393, 0.3148, 0.3722



27.5393, 0.2885, 0.3535

Triad

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



27.5393, 0.3148, 0.3722



27.5393, 0.2662, 0.2883



27.5393, 0.3581, 0.3276

Complementary

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



27.5393, 0.3148, 0.3722



22.6034, 0.3099, 0.2882

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.



27.5393, 0.3363, 0.3061



27.5393, 0.3148, 0.3722



27.5393, 0.2833, 0.2837

Square

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



27.5393, 0.3148, 0.3722



27.5393, 0.2612, 0.3039



27.5393, 0.3087, 0.2903



27.5393, 0.3671, 0.3504

Rectangle

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



27.5393, 0.3148, 0.3722



27.5393, 0.2745, 0.3366



27.5393, 0.3087, 0.2903



27.5393, 0.3520, 0.3201

Sweetspot

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



27.5405, 0.3148, 0.3722



52.3581, 0.3134, 0.3413



28.0430, 0.3381, 0.3629



11.5643, 0.3135, 0.3429



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.5405, 0.3148, 0.3722



48.4701, 0.3152, 0.3826



27.4537, 0.3030, 0.3578



6.5107, 0.3139, 0.3517



18.2640, 0.3058, 0.5954



0.2320, 0.3273, 0.5783

Inverse Universe

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



22.6034, 0.3099, 0.2882



37.9760, 0.3092, 0.2791



22.7194, 0.3240, 0.3018



5.8623, 0.3113, 0.3070



5.5041, 0.2814, 0.1324



0.0776, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 27.5393, 0.3148, 0.3722 looks on a white background.

Color Contrast Check

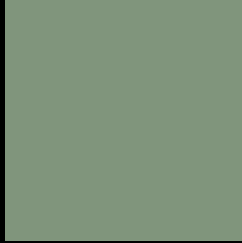
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5393, 0.3148, 0.3722 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

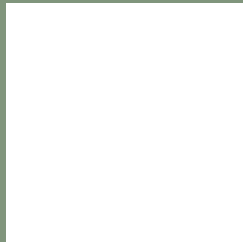
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.5393, 0.3148, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 27.5393, 0.3148, 0.3722.



This preview shows how white text looks on a background with the Yxy color 27.5393, 0.3148, 0.3722.

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

27.5393, 0.3148, 0.3722

Protanopia

27.6047, 0.3440, 0.3647

Deuteranopia

27.4698, 0.3539, 0.3477



Tritanopia

27.6376, 0.2903, 0.3110

Trichromacy



Original Color

27.5393, 0.3148, 0.3722

Protanomaly

27.4956, 0.3335, 0.3673

Deuteranomaly

27.3107, 0.3389, 0.3567

Tritanomaly

27.3967, 0.2993, 0.3323

Monochromacy



Original Color

27.5393, 0.3148, 0.3722

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6004, 0.3141, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5393, 0.3148, 0.3722 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(128, 149, 124)` looks like.

```
.text, #text, p{  
    color:rgb(128, 149, 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(128, 149, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 149, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.5393, 0.3148, 0.3722 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(128, 149, 124) }
```

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

```
.border{ border-color:rgb(128, 149, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 149, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 149, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 149, 124);  
box-shadow:4px 4px 4px 4px rgb(128, 149,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5393, 0.3148, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 149, 124) }
```

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

```
.background{ background-color: rgb(128,  
149, 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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