

Converting Colors

$Yxy(27.5728, 0.3685, 0.3948)$

Have a look what the booklet for
Yxy(27.5728, 0.3685, 0.3948)
contains.

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Color

Yxy(27.5728, 0.3685, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	9B8F66
RGB	155, 143, 102
RGB Percent	61%, 56%, 40%
CMY	0.3922, 0.4392, 0.6001
CMYK	0.00, 0.08, 0.34, 0.39
HSL	46°, 21%, 50%
HSV	46°, 34%, 61%
XYZ	25.7360, 27.5728, 16.5311
YIQ	141.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

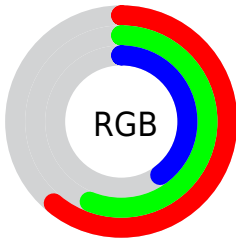
Format	Color
R_{YB}	118, 155, 102
Decimal	10194790
CIE Lab	59.50, -1.96, 23.48
CIE LCh	60, 23.561, 94.776
Yxy	27.5728, 0.3685, 0.3948
Android (android.graphics.Color)	4288384870 (0xFF9B8F66)
YUV	141.9140, -19.6776, 11.4764
Hunter-Lab	52.5098, -4.4061, 18.0912

Details

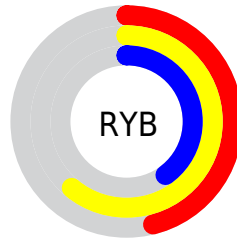
The Yxy color **27.5728, 0.3685, 0.3948** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2162, 0.2558, 0.2531**, and the grayscale version is **27.0873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9341, 0.3572, 0.3820**, and **10.9786, 0.3879, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **26.2593, 0.3864, 0.4138**, and if you desaturate by 10%, it is **28.9792, 0.3510, 0.3752**.

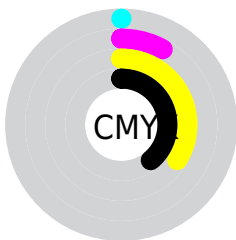
Distribution



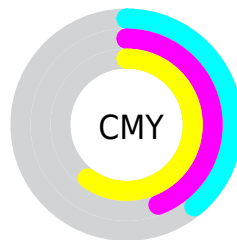
- Red (61%)
- Green (56%)
- Blue (40%)



- Red (46%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.5728, 0.3685, 0.3948 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 27.5728, 0.3685, 0.3948 by changing the saturation by 10% instead.


 27.5728, 0.3685,
0.3948


 27.5728, 0.3685,
0.3948


290.4199, 0.3386,
0.3592


 18.0039, 0.3765,
0.4045


 55.8017, 0.3572,
0.3812

 10.9528, 0.3871,
0.4175


 75.2304, 0.3530,
0.3763

 6.0351, 0.4015,
0.4354

 98.7145, 0.3496,
0.3722

 2.8664, 0.4230,
0.4626

 126.6385, 0.3467,
0.3688

 1.0624, 0.4738,
0.5262

159.3866, 0.3442,
0.3658

 0.0000, 0.0000,
0.0000

197.3432, 0.3421,

0.3633

240.8929, 0.3402,
0.3611

■ 27.5728, 0.3685,
0.3948

■ 27.5728, 0.3685,
0.3948

■ 26.2593, 0.3864,
0.4138

■ 28.9792, 0.3510,
0.3752

■ 25.0314, 0.4041,
0.4313

■ 30.4779, 0.3344,
0.3557

■ 23.8865, 0.4211,
0.4463

■ 32.0732, 0.3189,
0.3367

■ 22.8203, 0.4364,
0.4579

■ 33.7680, 0.3046,
0.3187

■ 21.8281, 0.4495,
0.4654

■ 35.5651, 0.2915,
0.3017

■ 20.9041, 0.4598,
0.4683

■ 37.4671, 0.2797,
0.2860

■ 20.3907, 0.4651,
0.4689

■ 39.4763, 0.2690,
0.2714

■ 41.5953, 0.2594,
0.2581

■ 43.8262, 0.2508,
0.2459

Harmonies

Analogous

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



27.5728, 0.3888, 0.3734



27.5728, 0.3685, 0.3948



27.5728, 0.3338, 0.3985

Triad

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



27.5728, 0.3685, 0.3948



27.5728, 0.2431, 0.3074



27.5728, 0.3275, 0.2849

Complementary

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



27.5728, 0.3685, 0.3948



17.2162, 0.2558, 0.2531

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.



27.5728, 0.2882, 0.2686



27.5728, 0.3685, 0.3948



27.5728, 0.2416, 0.2792

Square

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



27.5728, 0.3685, 0.3948



27.5728, 0.2620, 0.3451



27.5728, 0.2575, 0.2661



27.5728, 0.3647, 0.3114

Rectangle

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



27.5728, 0.3685, 0.3948



27.5728, 0.3076, 0.3885



27.5728, 0.2575, 0.2661



27.5728, 0.3140, 0.2781

Sweetspot

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



27.5741, 0.3685, 0.3948



55.7144, 0.3281, 0.3480



17.6897, 0.3719, 0.3086



12.5269, 0.3301, 0.3505



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.



27.5741, 0.3685, 0.3948



47.5857, 0.3821, 0.4093



30.0480, 0.3475, 0.4164



6.9860, 0.3265, 0.3461



16.4390, 0.4647, 0.4693



0.2979, 0.4412, 0.4879

Inverse Universe

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



17.2162, 0.2558, 0.2531



26.1904, 0.2417, 0.2327



15.5866, 0.2688, 0.2342



6.2416, 0.2988, 0.3113



2.9177, 0.1576, 0.0874



0.0910, 0.1771, 0.1574

Previews

White Background



This preview shows how the Yxy color 27.5728, 0.3685, 0.3948 looks on a white background.

Color Contrast Check

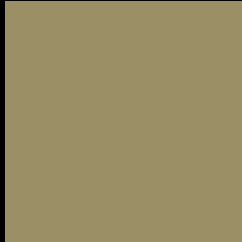
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5728, 0.3685, 0.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

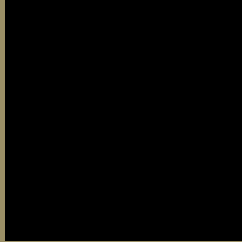
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5728, 0.3685, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 27.5728, 0.3685, 0.3948.



This preview shows how white text looks on a background with the Yxy color 27.5728, 0.3685, 0.3948.

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

27.5728, 0.3685, 0.3948

Protanopia

27.4743, 0.3673, 0.3950

Deuteranopia

27.4166, 0.3883, 0.3806



Tritanopia

27.5030, 0.3268, 0.3122

Trichromacy



Original Color

27.5728, 0.3685, 0.3948

Protanomaly

27.4743, 0.3673, 0.3950

Deuteranomaly

27.4438, 0.3813, 0.3847

Tritanomaly

27.3730, 0.3424, 0.3417

Monochromacy



Original Color

27.5728, 0.3685, 0.3948

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0814, 0.3335, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5728, 0.3685, 0.3948 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(155, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 102)  
}
```

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(155, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.5728, 0.3685, 0.3948 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(155, 143, 102) }
```

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

```
.border{ border-color:rgb(155, 143, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 143, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(155, 143,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5728, 0.3685, 0.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 102) }
```

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

```
.background{ background-color: rgb(155,  
143, 102) }
```

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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