

Converting Colors

$Y_{xy}(27.5891, 0.3477, 0.3680)$

Have a look what the booklet for
Yxy(27.5891, 0.3477, 0.3680)
contains.

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Color

Yxy(27.6522, 0.3472, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	988F77
RGB	152, 143, 119
RGB Percent	60%, 56%, 47%
CMY	0.4041, 0.4392, 0.5333
CMYK	0.00, 0.06, 0.22, 0.40
HSL	44°, 14%, 53%
HSV	44°, 22%, 60%
XYZ	26.0963, 27.6522, 21.4137
YIQ	142.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

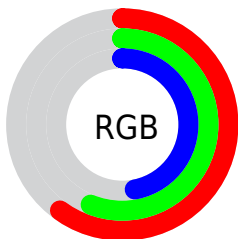
Format	Color
R_{YB}	131, 152, 119
Decimal	9998199
CIE _{Lab}	59.57, -0.77, 13.99
CIE _{LCh}	60, 14.012, 93.155
Yxy	27.6522, 0.3472, 0.3679
Android (android.graphics.Color)	4288188279 (0xFF988F77)
YUV	142.9550, -11.8098, 7.9325
Hunter-Lab	52.5854, -3.4408, 12.6658

Details

The Yxy color $27.6522, 0.3472, 0.3679$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.6131, 0.2785, 0.2868$, and the grayscale version is $27.4923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1382, 0.3406, 0.3604$, and $11.0503, 0.3591, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $26.1006, 0.3650, 0.3865$, and if you desaturate by 10%, it is $29.3103, 0.3305, 0.3496$.

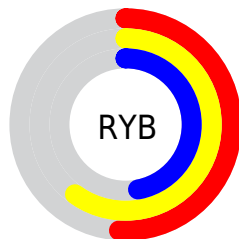
Distribution



Red (60%)

Green (56%)

Blue (47%)



Red (51%)

Yellow (60%)

Blue (47%)

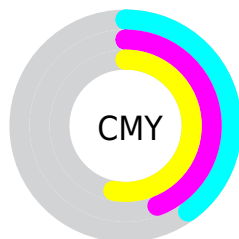


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (40%)



Cyan (40%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6522, 0.3472, 0.3679 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 27.6522, 0.3472, 0.3679 by changing the saturation by 10% instead.


 27.6522, 0.3472,
0.3679

 27.6522, 0.3472,
0.3679


290.8012, 0.3285,
0.3468


 18.0636, 0.3524,
0.3738


 55.9287, 0.3400,
0.3598

 10.9957, 0.3594,
0.3818


 75.3854, 0.3375,
0.3569

 6.0639, 0.3692,
0.3931

 98.9003, 0.3353,
0.3545

 2.8840, 0.3842,
0.4104

126.8578, 0.3335,
0.3524

 1.0715, 0.4443,
0.4774

159.6422, 0.3320,
0.3507

 0.0000, 0.0000,
0.0000

197.6380, 0.3307,

0.3492

241.2295, 0.3295,
0.3479

■ 27.6522, 0.3472,
0.3679

■ 27.6522, 0.3472,
0.3679

■ 26.1006, 0.3650,
0.3865

■ 29.3103, 0.3305,
0.3496

■ 24.6484, 0.3836,
0.4047

■ 31.0742, 0.3152,
0.3319

■ 23.2935, 0.4025,
0.4218

■ 32.9480, 0.3012,
0.3152

■ 22.0320, 0.4211,
0.4368

■ 34.9345, 0.2885,
0.2996

■ 20.8599, 0.4385,
0.4488

■ 37.0363, 0.2771,
0.2851

■ 19.7724, 0.4540,
0.4567

■ 39.2560, 0.2669,
0.2718

■ 18.7641, 0.4668,
0.4600

■ 41.5960, 0.2578,
0.2595

■ 17.9762, 0.4760,
0.4602

■ 44.0587, 0.2496,
0.2484

■ 46.5966, 0.2427,
0.2389

Harmonies

Analogous

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



27.6522, 0.3582, 0.3557



27.6522, 0.3472, 0.3679



27.6522, 0.3271, 0.3696

Triad

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



27.6522, 0.3472, 0.3679



27.6522, 0.2708, 0.3181



27.6522, 0.3206, 0.3013

Complementary

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



27.6522, 0.3472, 0.3679



21.6131, 0.2785, 0.2868

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.



27.6522, 0.2972, 0.2916



27.6522, 0.3472, 0.3679



27.6522, 0.2692, 0.3004

Square

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



27.6522, 0.3472, 0.3679



27.6522, 0.2833, 0.3400



27.6522, 0.2786, 0.2911



27.6522, 0.3425, 0.3177

Rectangle

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



27.6522, 0.3472, 0.3679



27.6522, 0.3115, 0.3640



27.6522, 0.2786, 0.2911



27.6522, 0.3126, 0.2971

Sweetspot

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



27.6534, 0.3472, 0.3679



53.1564, 0.3234, 0.3414



21.4329, 0.3433, 0.3137



12.0450, 0.3242, 0.3423



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.6534, 0.3472, 0.3679



47.4923, 0.3556, 0.3769



29.7814, 0.3367, 0.3828



6.9391, 0.3266, 0.3451



15.1327, 0.4756, 0.4606



0.2853, 0.4463, 0.4839

Inverse Universe

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



21.6131, 0.2785, 0.2868



34.9002, 0.2702, 0.2760



19.9055, 0.2852, 0.2718



6.2857, 0.2988, 0.3123



3.2924, 0.1602, 0.0968



0.1036, 0.1814, 0.1730

Previews

White Background



This preview shows how the Yxy color 27.6522, 0.3472, 0.3679 looks on a white background.

Color Contrast Check

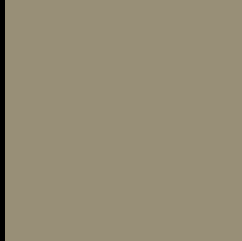
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6522, 0.3472, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

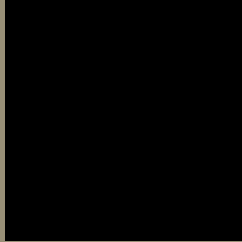
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6522, 0.3472, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 27.6522, 0.3472, 0.3679.



This preview shows how white text looks on a background with the Yxy color 27.6522, 0.3472, 0.3679.

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

27.6522, 0.3472, 0.3679

Protanopia

27.6522, 0.3472, 0.3679

Deuteranopia

27.6400, 0.3641, 0.3568



Tritanopia

27.7352, 0.3200, 0.3120

Trichromacy



Original Color

27.6522, 0.3472, 0.3679

Protanomaly

27.6522, 0.3472, 0.3679

Deuteranomaly

27.6893, 0.3575, 0.3604

Tritanomaly

27.5888, 0.3302, 0.3306

Monochromacy



Original Color

27.6522, 0.3472, 0.3679

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4771, 0.3250, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6522, 0.3472, 0.3679 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(152, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 119)  
}
```

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(152, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.6522, 0.3472, 0.3679 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(152, 143, 119) }
```

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

```
.border{ border-color:rgb(152, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6522, 0.3472, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 119) }
```

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

```
.background{ background-color: rgb(152,  
143, 119) }
```

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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