

Converting Colors

$Y_{xy}(27.3020, 0.3703, 0.4173)$

Have a look what the booklet for
Yxy(27.3020, 0.3703, 0.4173)
contains.

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Color

Yxy(27.3020, 0.3703, 0.4173)

Conversions

Conversions Part 1

Format	Color
Hex	94915B
RGB	148, 145, 91
RGB Percent	58%, 57%, 36%
CMY	0.4196, 0.4314, 0.6430
CMYK	0.00, 0.02, 0.38, 0.42
HSL	57°, 24%, 47%
HSV	57°, 38%, 58%
XYZ	24.2270, 27.3020, 13.8963
YIQ	139.7410, 19.1220, -16.1580

Conversions

Conversions Part 2

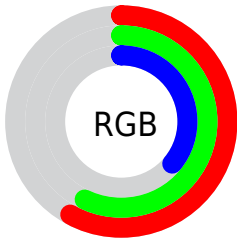
Format	Color
R_{YB}	94, 148, 91
Decimal	9736539
CIE _{Lab}	59.25, -7.34, 29.05
CIE _{LCh}	59, 29.964, 104.185
Yxy	27.3020, 0.3703, 0.4173
Android (android.graphics.Color)	4287926619 (0xFF94915B)
YUV	139.7410, -24.0293, 7.2431
Hunter-Lab	52.2513, -8.6759, 20.8076

Details

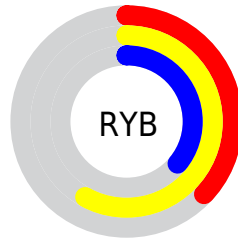
The Yxy color **27.3020, 0.3703, 0.4173** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3729, 0.2453, 0.2220**, and the grayscale version is **26.2104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4964, 0.3590, 0.3990**, and **10.8531, 0.3871, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **26.8355, 0.3846, 0.4386**, and if you desaturate by 10%, it is **27.8230, 0.3553, 0.3946**.

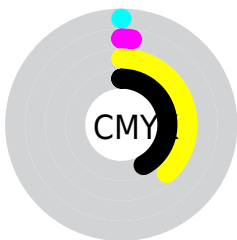
Distribution



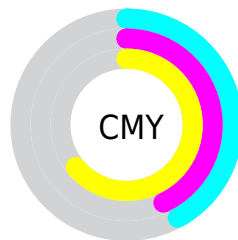
- Red (58%)
- Green (57%)
- Blue (36%)



- Red (37%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (42%)





- Cyan (42%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3020, 0.3703, 0.4173 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 27.3020, 0.3703, 0.4173 by changing the saturation by 10% instead.

 27.3020, 0.3703,
0.4173


 27.3020, 0.3703,
0.4173


289.1164, 0.3400,
0.3690


 17.8002, 0.3780,
0.4306


 55.3681, 0.3591,
0.3988


 10.8066, 0.3879,
0.4483


 74.7012, 0.3549,
0.3921

 5.9369, 0.4003,
0.4725

 98.0801, 0.3514,
0.3866

 2.8068, 0.4261,
0.5202

 125.8892, 0.3484,
0.3820

 1.0317, 0.4350,
0.5650

158.5131, 0.3459,
0.3780

 0.0000, 0.0000,
0.0000

196.3359, 0.3437,

0.3746

239.7422, 0.3417,
0.3716

■ 27.3020, 0.3703,
0.4173

■ 27.3020, 0.3703,
0.4173

■ 26.8355, 0.3846,
0.4386

■ 27.8230, 0.3553,
0.3946

■ 26.4168, 0.3976,
0.4575

■ 28.3975, 0.3400,
0.3713

■ 26.0438, 0.4087,
0.4733


■ 29.0293, 0.3250,
0.3481


■ 25.7128, 0.4176,
0.4852


■ 29.7207, 0.3106,
0.3257


■ 25.4196, 0.4239,
0.4930

■ 30.4741, 0.2970,
0.3043

 25.1551, 0.4280,
0.4973

 31.2915, 0.2843,
0.2843

 25.1159, 0.4286,
0.4979

 32.1749, 0.2726,
0.2658

 33.1262, 0.2619,
0.2488

 34.1474, 0.2522,
0.2332

Harmonies

Analogous

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



27.3020, 0.4038, 0.3943



27.3020, 0.3703, 0.4173



27.3020, 0.3229, 0.4148

Triad

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



27.3020, 0.3703, 0.4173



27.3020, 0.2225, 0.2876



27.3020, 0.3472, 0.2829

Complementary

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



27.3020, 0.3703, 0.4173



12.3729, 0.2453, 0.2220

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.



27.3020, 0.2961, 0.2584



27.3020, 0.3703, 0.4173



27.3020, 0.2276, 0.2585

Square

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



27.3020, 0.3703, 0.4173



27.3020, 0.2390, 0.3332



27.3020, 0.2533, 0.2492



27.3020, 0.3911, 0.3181

Rectangle

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



27.3020, 0.3703, 0.4173



27.3020, 0.2901, 0.3961



27.3020, 0.2533, 0.2492



27.3020, 0.3301, 0.2733

Sweetspot

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



27.3032, 0.3703, 0.4173



50.7930, 0.3306, 0.3568



14.6056, 0.3979, 0.3226



11.5655, 0.3323, 0.3594



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.



27.3032, 0.3703, 0.4173



47.4759, 0.3824, 0.4354



26.1687, 0.3407, 0.4309



6.6930, 0.3261, 0.3498



21.4664, 0.4286, 0.4979



0.2756, 0.4235, 0.5019

Inverse Universe

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



12.3729, 0.2453, 0.2220



17.3762, 0.2280, 0.1942



13.3184, 0.2741, 0.2246



5.6790, 0.2989, 0.3074



1.9834, 0.1513, 0.0646



0.0340, 0.1574, 0.0867

Previews

White Background



This preview shows how the Yxy color 27.3020, 0.3703, 0.4173 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 27.3020, 0.3703, 0.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

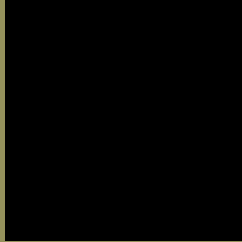
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3020, 0.3703, 0.4173

Background



This preview shows how black text looks on a background with the Yxy color 27.3020, 0.3703, 0.4173.



This preview shows how white text looks on a background with the Yxy color 27.3020, 0.3703, 0.4173.

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

27.3020, 0.3703, 0.4173

Protanopia

27.3517, 0.3807, 0.4134

Deuteranopia

27.0566, 0.4010, 0.3935



Tritanopia

27.3154, 0.3201, 0.3119

Trichromacy



Original Color

27.3020, 0.3703, 0.4173

Protanomaly

27.3601, 0.3765, 0.4160

Deuteranomaly

27.0245, 0.3906, 0.4019

Tritanomaly

27.2837, 0.3383, 0.3500

Monochromacy



Original Color

27.3020, 0.3703, 0.4173

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.5908, 0.3342, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3020, 0.3703, 0.4173 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(148, 145, 91)` looks like.

```
.text, #text, p{  
    color:rgb(148, 145, 91)  
}
```

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(148, 145, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 91) }
```

Border

The CSS property to change the border of an element to Yxy 27.3020, 0.3703, 0.4173 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(148, 145, 91) }
```

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

```
.border{ border-color:rgb(148, 145, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 145, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 91);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3020, 0.3703, 0.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 91) }
```

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

```
.background{ background-color: rgb(148,  
145, 91) }
```

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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