

Converting Colors

$Y_{xy}(27.1343, 0.3698, 0.4189)$

Have a look what the booklet for
Yxy(27.1343, 0.3698, 0.4189)
contains.

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Color

Yxy(27.1920, 0.3701, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	93915A
RGB	147, 145, 90
RGB Percent	58%, 57%, 35%
CMY	0.4236, 0.4313, 0.6470
CMYK	0.00, 0.01, 0.39, 0.42
HSL	58°, 24%, 46%
HSV	58°, 39%, 58%
XYZ	24.0013, 27.1920, 13.6576
YIQ	139.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

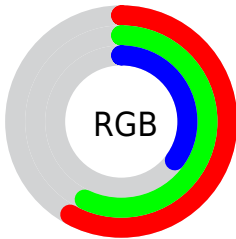
Format	Color
RYB	92, 147, 90
Decimal	9671002
CIELab	59.15, -7.89, 29.46
CIELCh	59, 30.496, 105.002
Yxy	27.1920, 0.3701, 0.4193
Android (android.graphics.Color)	4287861082 (0xFF93915A)
YUV	139.3280, -24.3187, 6.7283
Hunter-Lab	52.1459, -9.0968, 20.9734

Details

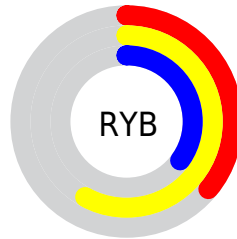
The Yxy color $27.1920, 0.3701, 0.4193$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.9310, 0.2445, 0.2192$, and the grayscale version is $26.0419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3265, 0.3589, 0.4004$, and $10.7917, 0.3866, 0.4512$ is the 20% darker color. If you saturate the color by 10%, you get $26.8119, 0.3840, 0.4408$, and if you desaturate by 10%, it is $27.6248, 0.3553, 0.3963$.

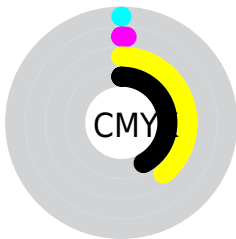
Distribution



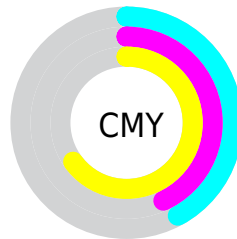
- Red (58%)
- Green (57%)
- Blue (35%)



- Red (36%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (42%)





- Cyan (42%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1920, 0.3701, 0.4193 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 27.1920, 0.3701, 0.4193 by changing the saturation by 10% instead.

 27.1920, 0.3701,
0.4193


 27.1920, 0.3701,
0.4193


288.5856, 0.3400,
0.3698


 17.7175, 0.3778,
0.4329


 55.1918, 0.3589,
0.4003

 10.7473, 0.3874,
0.4511


 74.4859, 0.3548,
0.3935

 5.8972, 0.3995,
0.4760

 97.8219, 0.3513,
0.3878

 2.7827, 0.4263,
0.5266

 125.5843, 0.3484,
0.3831

 1.0194, 0.4304,
0.5696

158.1575, 0.3458,
0.3790

 0.0000, 0.0000,
0.0000

195.9258, 0.3436,

0.3755

239.2737, 0.3417,
0.3725

■ 27.1920, 0.3701,
0.4193

■ 27.1920, 0.3701,
0.4193

■ 26.8119, 0.3840,
0.4408

■ 27.6248, 0.3553,
0.3963

■ 26.4778, 0.3966,
0.4599

■ 28.1092, 0.3403,
0.3727

■ 26.1877, 0.4072,
0.4757

■ 28.6490, 0.3254,
0.3491

■ 25.9381, 0.4155,
0.4877

■ 29.2466, 0.3110,
0.3262

■ 25.7245, 0.4212,
0.4955

■ 29.9041, 0.2973,
0.3044

■ 25.5377, 0.4249,
0.4999

■ 30.6235, 0.2846,
0.2840

■ 25.5150, 0.4254,
0.5005

■ 31.4070, 0.2728,
0.2651

■ 32.2564, 0.2621,
0.2477

■ 33.1735, 0.2523,
0.2319

Harmonies

Analogous

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



27.1920, 0.4048, 0.3962



27.1920, 0.3701, 0.4193



27.1920, 0.3216, 0.4160

Triad

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



27.1920, 0.3701, 0.4193



27.1920, 0.2208, 0.2856



27.1920, 0.3492, 0.2829

Complementary

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



27.1920, 0.3701, 0.4193



11.9310, 0.2445, 0.2192

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.



27.1920, 0.2971, 0.2577



27.1920, 0.3701, 0.4193



27.1920, 0.2266, 0.2567

Square

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



27.1920, 0.3701, 0.4193



27.1920, 0.2369, 0.3318



27.1920, 0.2532, 0.2479



27.1920, 0.3935, 0.3189

Rectangle

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



27.1920, 0.3701, 0.4193



27.1920, 0.2883, 0.3964



27.1920, 0.2532, 0.2479



27.1920, 0.3318, 0.2731

Sweetspot

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



27.1932, 0.3701, 0.4193



50.9715, 0.3305, 0.3573



14.3027, 0.4003, 0.3242



11.6100, 0.3322, 0.3600



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.



27.1932, 0.3701, 0.4193



48.0801, 0.3830, 0.4392



25.6901, 0.3398, 0.4320



6.7106, 0.3260, 0.3501



22.1336, 0.4253, 0.5005



0.2796, 0.4221, 0.5031

Inverse Universe

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



11.9310, 0.2445, 0.2192



16.5571, 0.2255, 0.1882



13.1083, 0.2750, 0.2242



5.6633, 0.2989, 0.3069



1.9299, 0.1509, 0.0631



0.0300, 0.1550, 0.0779

Previews

White Background



This preview shows how the Yxy color 27.1920, 0.3701, 0.4193 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 27.1920, 0.3701, 0.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

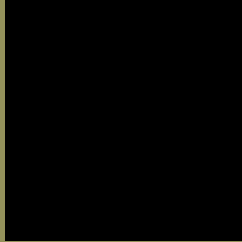
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1920, 0.3701, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 27.1920, 0.3701, 0.4193.



This preview shows how white text looks on a background with the Yxy color 27.1920, 0.3701, 0.4193.

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

27.1920, 0.3701, 0.4193

Protanopia

27.0358, 0.3823, 0.4135

Deuteranopia

27.0390, 0.4021, 0.3949



Tritanopia

27.2169, 0.3190, 0.3118

Trichromacy



Original Color

27.1920, 0.3701, 0.4193

Protanomaly

27.0416, 0.3781, 0.4161

Deuteranomaly

26.9020, 0.3905, 0.4037

Tritanomaly

27.1876, 0.3372, 0.3501

Monochromacy



Original Color

27.1920, 0.3701, 0.4193

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1810, 0.3343, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1920, 0.3701, 0.4193 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(147, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 90)  
}
```

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(147, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 90) }
```

Border

The CSS property to change the border of an element to Yxy 27.1920, 0.3701, 0.4193 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(147, 145, 90) }
```

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

```
.border{ border-color:rgb(147, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1920, 0.3701, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 90) }
```

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

```
.background{ background-color: rgb(147,  
145, 90) }
```

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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