

Converting Colors

$Yxy(19.3689, 0.3447, 0.4207)$

Have a look what the booklet for
Yxy(19.3689, 0.3447, 0.4207)
contains.

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Color

Yxy(19.2327, 0.3442, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	707F52
RGB	112, 127, 82
RGB Percent	44%, 50%, 32%
CMY	0.5607, 0.5020, 0.6784
CMYK	0.12, 0.00, 0.35, 0.50
HSL	80°, 22%, 41%
HSV	80°, 35%, 50%
XYZ	15.7955, 19.2327, 10.8623
YIQ	117.3850, 5.5050, -17.1750

Conversions

Conversions Part 2

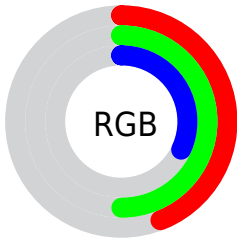
Format	Color
R_{YB}	82, 127, 97
Decimal	7372626
CIE _{Lab}	50.96, -13.72, 22.69
CIE _{LCh}	51, 26.512, 121.158
Yxy	19.2327, 0.3442, 0.4191
Android (android.graphics.Color)	4285562706 (0xFF707F52)
YUV	117.3850, -17.4448, -4.7226
Hunter-Lab	43.8551, -12.4552, 16.0133

Details

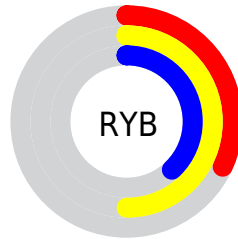
The Yxy color **19.2327, 0.3442, 0.4191** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1078, 0.2720, 0.2335**, and the grayscale version is **17.9698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2010, 0.3374, 0.3978**, and **6.6329, 0.3535, 0.4604** is the 20% darker color. If you saturate the color by 10%, you get **18.7867, 0.3519, 0.4458**, and if you desaturate by 10%, it is **19.7292, 0.3356, 0.3924**.

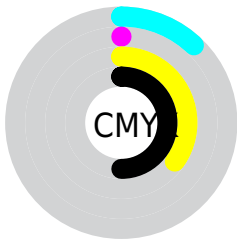
Distribution



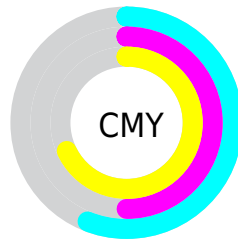
- Red (44%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (50%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (50%)




- Cyan (56%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2327, 0.3442, 0.4191 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 19.2327, 0.3442, 0.4191 by changing the saturation by 10% instead.


 19.2327, 0.3442,
0.4191


 19.2327, 0.3442,
0.4191


247.7304, 0.3273,
0.3662


 11.8385, 0.3485,
0.4357


 42.1269, 0.3379,
0.3975

 6.6338, 0.3539,
0.4595


 58.3958, 0.3355,
0.3902

 3.2342, 0.3598,
0.4960

 78.3917, 0.3336,
0.3842

 1.2552, 0.3946,
0.6054

 102.4990, 0.3319,
0.3793

 0.1061, 0.0000,
1.0000

 131.1022, 0.3305,
0.3752

 0.0000, 0.0000,
0.0000

164.5855, 0.3293,

0.3718

203.3335, 0.3282,
0.3688

■ 19.2327, 0.3442,
0.4191

■ 19.2327, 0.3442,
0.4191

■ 18.7867, 0.3519,
0.4458

■ 19.7292, 0.3356,
0.3924

■ 18.3865, 0.3584,
0.4715

■ 20.2757, 0.3267,
0.3664

■ 18.0307, 0.3632,
0.4952

■ 20.8750, 0.3176,
0.3417

■ 17.7166, 0.3659,
0.5157

■ 21.5286, 0.3087,
0.3187

■ 17.4412, 0.3663,
0.5322

■ 22.2385, 0.3001,
0.2974

■ 17.2000, 0.3645,
0.5444

■ 23.0060, 0.2919,
0.2779

■ 17.0960, 0.3635,
0.5496

■ 23.8329, 0.2842,
0.2603

■ 24.7204, 0.2770,
0.2443

■ 25.6701, 0.2704,
0.2300

Harmonies

Analogous

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



19.2327, 0.3869, 0.4093



19.2327, 0.3442, 0.4191



19.2327, 0.2951, 0.3993

Triad

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



19.2327, 0.3442, 0.4191



19.2327, 0.2232, 0.2691



19.2327, 0.3737, 0.3020

Complementary

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



19.2327, 0.3442, 0.4191



10.1078, 0.2720, 0.2335

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.



19.2327, 0.3248, 0.2709



19.2327, 0.3442, 0.4191



19.2327, 0.2401, 0.2513

Square

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



19.2327, 0.3442, 0.4191



19.2327, 0.2275, 0.3060



19.2327, 0.2761, 0.2527



19.2327, 0.4060, 0.3404

Rectangle

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



19.2327, 0.3442, 0.4191



19.2327, 0.2654, 0.3715



19.2327, 0.2761, 0.2527



19.2327, 0.3584, 0.2906

Sweetspot

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



19.2335, 0.3442, 0.4191



36.7448, 0.3229, 0.3560



13.5328, 0.3826, 0.3576



8.5754, 0.3239, 0.3587



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.2335, 0.3442, 0.4191



33.7500, 0.3509, 0.4421



17.9743, 0.3174, 0.4272



4.9499, 0.3209, 0.3506



17.2410, 0.3635, 0.5496



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1078, 0.2720, 0.2335



14.7014, 0.2595, 0.2073



11.4713, 0.3041, 0.2419



4.2759, 0.3040, 0.3071



2.0476, 0.1774, 0.0751



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2327, 0.3442, 0.4191 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 19.2327, 0.3442, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

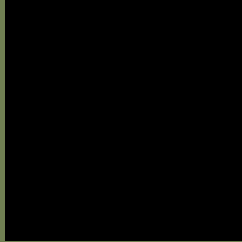
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

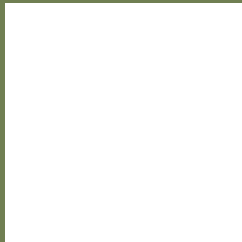
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.2327, 0.3442, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 19.2327, 0.3442, 0.4191.



This preview shows how white text looks on a background with the Yxy color 19.2327, 0.3442, 0.4191.

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

19.2327, 0.3442, 0.4191

Protanopia

19.1595, 0.3763, 0.4050

Deuteranopia

19.0602, 0.3912, 0.3854



Tritanopia

19.2354, 0.2991, 0.3103

Trichromacy



Original Color

19.2327, 0.3442, 0.4191

Protanomaly

19.1200, 0.3644, 0.4092

Deuteranomaly

18.9630, 0.3733, 0.3979

Tritanomaly

19.0712, 0.3155, 0.3485

Monochromacy



Original Color

19.2327, 0.3442, 0.4191

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.3191, 0.3249, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2327, 0.3442, 0.4191 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(112, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(112, 127, 82)  
}
```

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(112, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 127, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.2327, 0.3442, 0.4191 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(112, 127, 82) }
```

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

```
.border{ border-color:rgb(112, 127, 82) }
```

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

Here you see how a box with a 4 pixel rgb(112, 127, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(112, 127,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2327, 0.3442, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 127, 82) }
```

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

```
.background{ background-color: rgb(112,  
127, 82) }
```

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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