

Converting Colors

$Y_{xy}(11.9230, 0.3380, 0.2701)$

Have a look what the booklet for
Yxy(11.9230, 0.3380, 0.2701)
contains.

Yxy(11.9134, 0.3365, 0.2693)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.9134, 0.3365, 0.2693)

Conversions

Conversions Part 1

Format	Color
Hex	7F5372
RGB	127, 83, 114
RGB Percent	50%, 33%, 45%
CMY	0.5019, 0.6746, 0.5529
CMYK	0.00, 0.35, 0.10, 0.50
HSL	318°, 21%, 41%
HSV	318°, 35%, 50%
XYZ	14.8862, 11.9134, 17.4388
YIQ	99.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

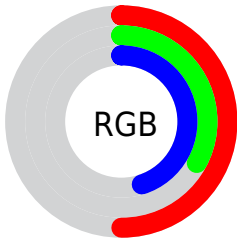
Format	Color
R_{YB}	127, 83, 114
Decimal	8344434
CIE Lab	41.08, 23.49, -10.20
CIE LCh	41, 25.610, 336.523
Yxy	11.9134, 0.3365, 0.2693
Android (android.graphics.Color)	4286534514 (0xFF7F5372)
YUV	99.6900, 7.0548, 23.9509
Hunter-Lab	34.5158, 16.5821, -5.7947

Details

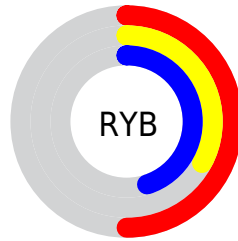
The Yxy color **11.9134, 0.3365, 0.2693** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.8681, 0.2952, 0.3975**, and the grayscale version is **12.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2315, 0.3302, 0.2831**, and **3.2943, 0.3475, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **10.0616, 0.3457, 0.2522**, and if you desaturate by 10%, it is **14.1259, 0.3284, 0.2869**.

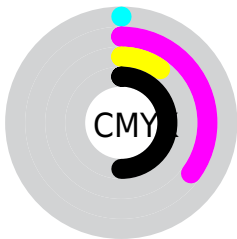
Distribution



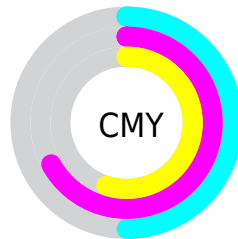
- Red (50%)
- Green (33%)
- Blue (45%)



- Red (50%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9134, 0.3365, 0.2693 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 11.9134, 0.3365, 0.2693 by changing the saturation by 10% instead.


 11.9134, 0.3365,
0.2693


 11.9134, 0.3365,
0.2693


203.8311, 0.3226,
0.3043


 6.6847, 0.3408,
0.2582


 29.3373, 0.3309,
0.2836


 3.2657, 0.3471,
0.2420

 42.3013, 0.3290,
0.2885


 1.2720, 0.3568,
0.2166

 58.6125, 0.3274,
0.2924

 0.1194, 0.4164,
0.0724

 78.6554, 0.3261,
0.2956

 0.0000, 0.0000,
0.0000

 102.8143, 0.3250,
0.2983

131.4736, 0.3241,

0.3006

165.0178, 0.3233,
0.3026

■ 11.9134, 0.3365,
0.2693

■ 11.9134, 0.3365,
0.2693

■ 10.0616, 0.3457,
0.2522

■ 14.1259, 0.3284,
0.2869

■ 8.5495, 0.3560,
0.2364

■ 16.7155, 0.3213,
0.3044

■ 7.3560, 0.3671,
0.2227


■ 19.6997, 0.3152,
0.3214


■ 6.4575, 0.3789,
0.2122


■ 23.0941, 0.3101,
0.3375

■ 5.8267, 0.3909,
0.2057

■ 26.9139, 0.3057,
0.3526


 5.4249, 0.4029,
0.2035

 31.1730, 0.3020,
0.3667

 5.2436, 0.4095,
0.2029

 35.8850, 0.2989,
0.3798

 41.0630, 0.2963,
0.3918

 46.7193, 0.2942,
0.4028

Harmonies

Analogous

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



11.9134, 0.2802, 0.2461



11.9134, 0.3365, 0.2693



11.9134, 0.3903, 0.3056

Triad

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



11.9134, 0.3365, 0.2693



11.9134, 0.3885, 0.4236



11.9134, 0.2146, 0.2934

Complementary

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



11.9134, 0.3365, 0.2693



17.8681, 0.2952, 0.3975

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.



11.9134, 0.2384, 0.3480



11.9134, 0.3365, 0.2693



11.9134, 0.3377, 0.4304

Square

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



11.9134, 0.3365, 0.2693



11.9134, 0.4204, 0.3915



11.9134, 0.2828, 0.4020



11.9134, 0.2143, 0.2560

Rectangle

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



11.9134, 0.3365, 0.2693



11.9134, 0.4148, 0.3341



11.9134, 0.2828, 0.4020



11.9134, 0.2199, 0.3103

Sweetspot

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



11.9139, 0.3365, 0.2693



32.1983, 0.3185, 0.3120



10.1756, 0.2700, 0.2350



7.3928, 0.3192, 0.3100



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.



11.9139, 0.3365, 0.2693



18.5204, 0.3441, 0.2550



11.4807, 0.3729, 0.3101



4.3914, 0.3178, 0.3139



5.2858, 0.4095, 0.2030



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9139, 0.3365, 0.2693



18.5204, 0.3441, 0.2550



18.3194, 0.2744, 0.3491



4.3914, 0.3178, 0.3139



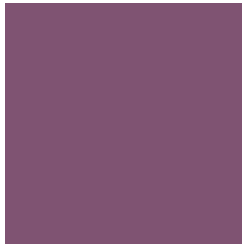
5.2858, 0.4095, 0.2030



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.9134, 0.3365, 0.2693 looks on a white 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

Black Background



This preview shows how the Yxy color 11.9134, 0.3365, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

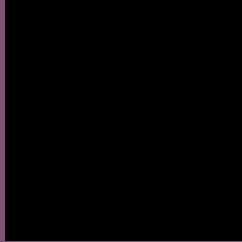
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9134, 0.3365, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 11.9134, 0.3365, 0.2693.



This preview shows how white text looks on a background with the Yxy color 11.9134, 0.3365, 0.2693.

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

11.9134, 0.3365, 0.2693

Protanopia

12.0199, 0.2712, 0.2700

Deuteranopia

12.0636, 0.2968, 0.2918



Tritanopia

11.9667, 0.3667, 0.3170

Trichromacy



Original Color

11.9134, 0.3365, 0.2693

Protanomaly

11.7813, 0.2919, 0.2678

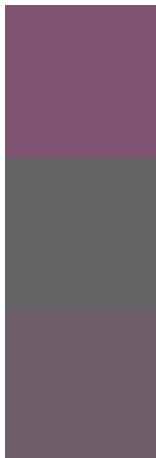
Deuteranomaly

11.9894, 0.3103, 0.2829

Tritanomaly

12.0308, 0.3553, 0.2993

Monochromacy



Original Color

11.9134, 0.3365, 0.2693

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.3403, 0.3215, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9134, 0.3365, 0.2693 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(127, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(127, 83, 114)  
}
```

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(127, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 83, 114) }
```

Border

The CSS property to change the border of an element to Yxy 11.9134, 0.3365, 0.2693 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(127, 83, 114) }
```

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

```
.border{ border-color:rgb(127, 83, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 83, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 83, 114);  
box-shadow:4px 4px 4px 4px rgb(127, 83,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9134, 0.3365, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 83, 114) }
```

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

```
.background{ background-color: rgb(127, 83,  
114) }
```

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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