

Converting Colors

$Y_{xy}(13.8856, 0.3129, 0.2987)$

Have a look what the booklet for
Yxy(13.8856, 0.3129, 0.2987)
contains.

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Color

Yxy(13.9296, 0.3127, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	726473
RGB	114, 100, 115
RGB Percent	45%, 39%, 45%
CMY	0.5529, 0.6078, 0.5490
CMYK	0.01, 0.13, 0.00, 0.55
HSL	296°, 7%, 42%
HSV	296°, 13%, 45%
XYZ	14.5922, 13.9296, 18.1435
YIQ	105.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

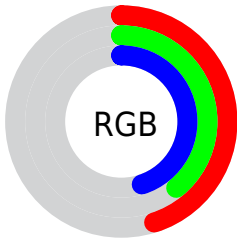
Format	Color
R_{YB}	114, 100, 115
Decimal	7496819
CIE Lab	44.13, 8.54, -6.38
CIE LCh	44, 10.662, 323.238
Yxy	13.9296, 0.3127, 0.2985
Android (android.graphics.Color)	4285686899 (0xFF726473)
YUV	105.8960, 4.4883, 7.1072
Hunter-Lab	37.3224, 4.4755, -2.6969

Details

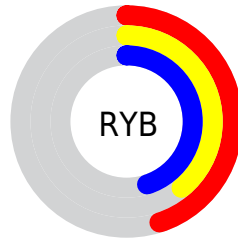
The Yxy color **13.9296, 0.3127, 0.2985** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9521, 0.3125, 0.3612**, and the grayscale version is **14.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0302, 0.3128, 0.3060**, and **4.1097, 0.3125, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **11.8258, 0.3125, 0.2745**, and if you desaturate by 10%, it is **16.3465, 0.3127, 0.3220**.

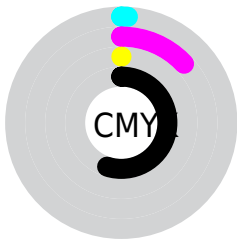
Distribution



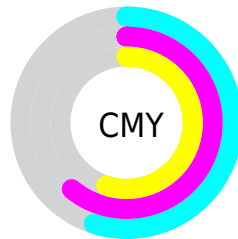
- Red (45%)
- Green (39%)
- Blue (45%)



- Red (45%)
- Yellow (39%)
- Blue (45%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (55%)




- Cyan (55%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9296, 0.3127, 0.2985 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 13.9296, 0.3127, 0.2985 by changing the saturation by 10% instead.


 13.9296, 0.3127,
0.2985


 13.9296, 0.3127,
0.2985


216.7924, 0.3129,
0.3165


 8.0717, 0.3126,
0.2927


 32.9641, 0.3128,
0.3059


 4.1409, 0.3123,
0.2843

 46.9094, 0.3128,
0.3083

 1.7527, 0.3117,
0.2709

 64.3194, 0.3128,
0.3104

 0.4574, 0.3146,
0.2237

 85.5784, 0.3129,
0.3120

 0.0000, 0.0000,
0.0000

111.0708, 0.3129,
0.3134

141.1810, 0.3129,

0.3146

176.2934, 0.3129,
0.3156

■ 13.9296, 0.3127,
0.2985

■ 13.9296, 0.3127,
0.2985

■ 11.8258, 0.3125,
0.2745

■ 16.3465, 0.3127,
0.3220

■ 10.0204, 0.3122,
0.2504

■ 19.0870, 0.3126,
0.3445

■ 8.5001, 0.3116,
0.2272

■ 22.1633, 0.3125,
0.3657

■ 7.2498, 0.3109,
0.2056

■ 25.5863, 0.3122,
0.3854

■ 6.2532, 0.3099,
0.1865

■ 29.3665, 0.3119,
0.4036

■ 5.4922, 0.3087,
0.1706

■ 33.5140, 0.3116,
0.4203

■ 4.9462, 0.3074,
0.1585

■ 38.0384, 0.3112,
0.4354

■ 4.5885, 0.3059,
0.1502

■ 42.9490, 0.3108,
0.4492

■ 4.3816, 0.3048,
0.1453

■ 48.2549, 0.3104,
0.4616

Harmonies

Analogous

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



13.9296, 0.2912, 0.2920



13.9296, 0.3127, 0.2985



13.9296, 0.3349, 0.3124

Triad

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



13.9296, 0.3127, 0.2985



13.9296, 0.3504, 0.3633



13.9296, 0.2755, 0.3254

Complementary

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



13.9296, 0.3127, 0.2985



15.9521, 0.3125, 0.3612

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.



13.9296, 0.2904, 0.3462



13.9296, 0.3127, 0.2985



13.9296, 0.3335, 0.3685

Square

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



13.9296, 0.3127, 0.2985



13.9296, 0.3570, 0.3492



13.9296, 0.3115, 0.3624



13.9296, 0.2703, 0.3065

Rectangle

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



13.9296, 0.3127, 0.2985



13.9296, 0.3468, 0.3244



13.9296, 0.3115, 0.3624



13.9296, 0.2795, 0.3324

Sweetspot

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



13.9302, 0.3127, 0.2985



28.7825, 0.3127, 0.3196



13.3036, 0.2932, 0.2994



6.7977, 0.3127, 0.3181



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



13.9302, 0.3127, 0.2985



23.6089, 0.3127, 0.2904



13.8590, 0.3227, 0.3111



3.7460, 0.3127, 0.3080



5.0042, 0.3047, 0.1452



24.2372, 0.3038, 0.1447

Inverse Universe

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



13.6999, 0.3336, 0.3270



23.1038, 0.3400, 0.3264



16.0201, 0.3039, 0.3476



3.7045, 0.3266, 0.3276



4.1849, 0.6287, 0.3237



20.3454, 0.6348, 0.3271

Previews

White Background



This preview shows how the Yxy color 13.9296, 0.3127, 0.2985 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 13.9296, 0.3127, 0.2985 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 13.9296, 0.3127, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 13.9296, 0.3127, 0.2985.



This preview shows how white text looks on a background with the Yxy color 13.9296, 0.3127, 0.2985.

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

13.9296, 0.3127, 0.2985

Protanopia

14.0098, 0.2936, 0.3015

Deuteranopia

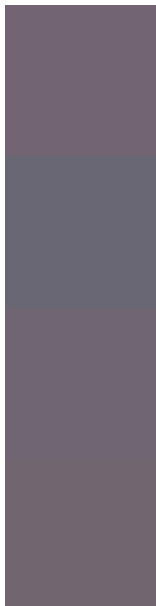
14.0555, 0.3069, 0.3022



Tritanopia

13.9222, 0.3193, 0.3125

Trichromacy



Original Color

13.9296, 0.3127, 0.2985

Protanomaly

14.0256, 0.3001, 0.3018

Deuteranomaly

13.9247, 0.3084, 0.3002

Tritanomaly

13.9658, 0.3166, 0.3084

Monochromacy



Original Color

13.9296, 0.3127, 0.2985

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2560, 0.3132, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9296, 0.3127, 0.2985 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(114, 100, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 100, 115)  
}
```

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(114, 100, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 100, 115) }
```

Border

The CSS property to change the border of an element to Yxy 13.9296, 0.3127, 0.2985 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(114, 100, 115) }
```

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

```
.border{ border-color:rgb(114, 100, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 100, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 100, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 100, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 100,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9296, 0.3127, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 100, 115) }
```

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

```
.background{ background-color: rgb(114,  
100, 115) }
```

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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