

Converting Colors

$Y_{xy}(13.8488, 0.2937, 0.2760)$

Have a look what the booklet for
Yxy(13.8488, 0.2937, 0.2760)
contains.

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Color

Yxy(13.7450, 0.2930, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	6E637E
RGB	110, 99, 126
RGB Percent	43%, 39%, 49%
CMY	0.5687, 0.6117, 0.5059
CMYK	0.13, 0.21, 0.00, 0.51
HSL	264°, 12%, 44%
HSV	264°, 21%, 49%
XYZ	14.6553, 13.7450, 21.6179
YIQ	105.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

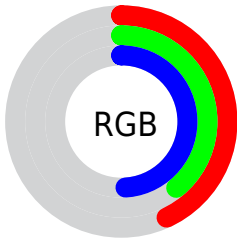
Format	Color
R_{YB}	110, 99, 126
Decimal	7234430
CIE _{Lab}	43.86, 10.08, -13.46
CIE _{LCh}	44, 16.815, 306.820
Yxy	13.7450, 0.2930, 0.2748
Android (android.graphics.Color)	4285424510 (0xFF6E637E)
YUV	105.3670, 10.1721, 4.0631
Hunter-Lab	37.0742, 5.6805, -8.6198

Details

The Yxy color **13.7450, 0.2930, 0.2748** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.4691, 0.3296, 0.3822**, and the grayscale version is **14.2030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7487, 0.2981, 0.2876**, and **4.0159, 0.2824, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **11.0815, 0.2817, 0.2465**, and if you desaturate by 10%, it is **16.8227, 0.3030, 0.3013**.

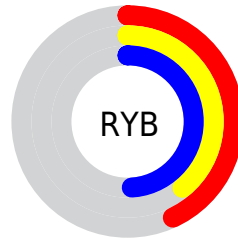
Distribution



Red (43%)

Green (39%)

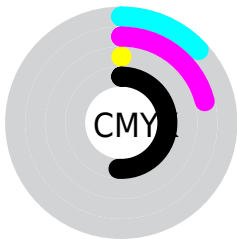
Blue (49%)



Red (43%)

Yellow (39%)

Blue (49%)

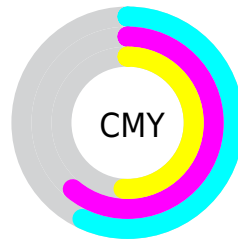


Cyan (13%)

Magenta (21%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.7450, 0.2930, 0.2748 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 13.7450, 0.2930, 0.2748 by changing the saturation by 10% instead.

■ 13.7450, 0.2930,
0.2748

■ 13.7450, 0.2930,
0.2748

215.6386, 0.3051,
0.3064

■ 7.9435, 0.2889,
0.2649

■ 32.6359, 0.2981,
0.2876

■ 4.0588, 0.2827,
0.2506

■ 46.4941, 0.2998,
0.2920

■ 1.7065, 0.2722,
0.2285

■ 63.8066, 0.3011,
0.2956

■ 0.4279, 0.2551,
0.1672

■ 84.9579, 0.3022,
0.2985

■ 0.0000, 0.0000,
0.0000

110.3324, 0.3031,
0.3009

140.3144, 0.3039,

0.3030

175.2884, 0.3045,
0.3048

■ 13.7450, 0.2930,
0.2748

■ 13.7450, 0.2930,
0.2748

■ 11.0815, 0.2817,
0.2465

■ 16.8227, 0.3030,
0.3013

■ 8.8123, 0.2690,
0.2171

■ 20.3299, 0.3116,
0.3257

■ 6.9183, 0.2553,
0.1874

■ 24.2833, 0.3190,
0.3479

■ 5.3782, 0.2408,
0.1587

■ 28.6982, 0.3253,
0.3679

■ 4.1684, 0.2261,
0.1326

■ 33.5890, 0.3306,
0.3857

■ 3.2623, 0.2119,
0.1103

■ 38.9697, 0.3351,
0.4016

■ 2.6290, 0.1989,
0.0933

■ 44.8536, 0.3388,
0.4158

■ 2.2147, 0.1886,
0.0813

■ 51.2534, 0.3420,
0.4284

■ 58.1814, 0.3446,
0.4396

Harmonies

Analogous

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



13.7450, 0.2643, 0.2717



13.7450, 0.2930, 0.2748



13.7450, 0.3286, 0.2904

Triad

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



13.7450, 0.2930, 0.2748



13.7450, 0.3806, 0.3711



13.7450, 0.2653, 0.3412

Complementary

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



13.7450, 0.2930, 0.2748



19.4691, 0.3296, 0.3822

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.



13.7450, 0.2944, 0.3728



13.7450, 0.2930, 0.2748



13.7450, 0.3613, 0.3891

Square

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



13.7450, 0.2930, 0.2748



13.7450, 0.3808, 0.3440



13.7450, 0.3295, 0.3907



13.7450, 0.2491, 0.3078

Rectangle

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



13.7450, 0.2930, 0.2748



13.7450, 0.3515, 0.3061



13.7450, 0.3295, 0.3907



13.7450, 0.2739, 0.3526

Sweetspot

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



13.7456, 0.2930, 0.2748



32.7747, 0.3077, 0.3145



16.4674, 0.2808, 0.3069



7.3851, 0.3072, 0.3133



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



13.7456, 0.2930, 0.2748



21.6735, 0.2873, 0.2603



14.6653, 0.3113, 0.2777



4.2904, 0.3051, 0.3071



2.2699, 0.1885, 0.0812



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6000, 0.3301, 0.2982



23.5003, 0.3354, 0.2904



18.6298, 0.3133, 0.3850



4.3838, 0.3194, 0.3163



5.0683, 0.4515, 0.2261



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.7450, 0.2930, 0.2748 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 13.7450, 0.2930, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

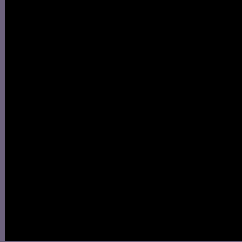
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.7450, 0.2930, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 13.7450, 0.2930, 0.2748.



This preview shows how white text looks on a background with the Yxy color 13.7450, 0.2930, 0.2748.

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

13.7450, 0.2930, 0.2748

Protanopia

13.8821, 0.2745, 0.2752

Deuteranopia

13.6973, 0.2839, 0.2775



Tritanopia

13.7543, 0.3093, 0.3121

Trichromacy



Original Color

13.7450, 0.2930, 0.2748

Protanomaly

13.8860, 0.2805, 0.2757

Deuteranomaly

13.6849, 0.2878, 0.2760

Tritanomaly

13.7565, 0.3029, 0.2978

Monochromacy



Original Color

13.7450, 0.2930, 0.2748

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.0185, 0.3053, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.7450, 0.2930, 0.2748 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(110, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(110, 99, 126)  
}
```

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(110, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 99, 126) }
```

Border

The CSS property to change the border of an element to Yxy 13.7450, 0.2930, 0.2748 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(110, 99, 126) }
```

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

```
.border{ border-color:rgb(110, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 99, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 99, 126); box-shadow:4px 4px 4px 4px rgb(110, 99, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 13.7450, 0.2930, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 99, 126) }
```

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

```
.background{ background-color: rgb(110, 99,  
126) }
```

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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