

Converting Colors

$Y_{xy}(13.5821, 0.3016, 0.2862)$

Have a look what the booklet for
Yxy(13.5821, 0.3016, 0.2862)
contains.

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Color

Yxy(13.6593, 0.3020, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	6F6378
RGB	111, 99, 120
RGB Percent	44%, 39%, 47%
CMY	0.5646, 0.6118, 0.5295
CMYK	0.07, 0.17, 0.00, 0.53
HSL	274°, 10%, 43%
HSV	274°, 17%, 47%
XYZ	14.4083, 13.6593, 19.6421
YIQ	104.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

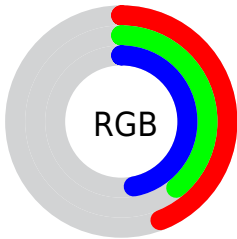
Format	Color
R _Y B	111, 99, 120
Decimal	7299960
CIE Lab	43.74, 9.10, -10.01
CIE LCh	44, 13.525, 312.282
Yxy	13.6593, 0.3020, 0.2863
Android (android.graphics.Color)	4285490040 (0xFF6F6378)
YUV	104.9820, 7.4039, 5.2778
Hunter-Lab	36.9585, 4.9112, -5.6395

Details

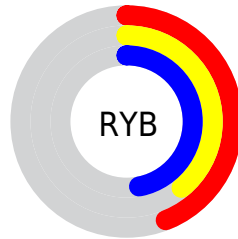
The Yxy color **13.6593, 0.3020, 0.2863** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5170, 0.3219, 0.3723**, and the grayscale version is **14.1016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5778, 0.3053, 0.2973**, and **3.9806, 0.2947, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **11.2295, 0.2945, 0.2598**, and if you desaturate by 10%, it is **16.4472, 0.3085, 0.3114**.

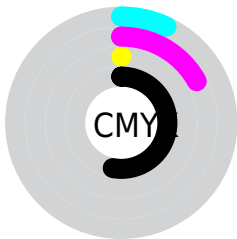
Distribution



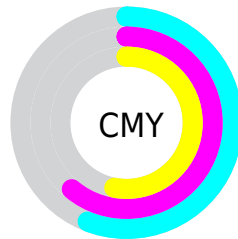
- Red (44%)
- Green (39%)
- Blue (47%)



- Red (44%)
- Yellow (39%)
- Blue (47%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.6593, 0.3020, 0.2863 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 13.6593, 0.3020, 0.2863 by changing the saturation by 10% instead.

■ 13.6593, 0.3020,
0.2863

■ 13.6593, 0.3020,
0.2863

215.1009, 0.3086,
0.3114

■ 7.8841, 0.2997,
0.2783

■ 32.4833, 0.3048,
0.2965

■ 4.0209, 0.2961,
0.2667

■ 46.3008, 0.3058,
0.3000

■ 1.6852, 0.2900,
0.2484

■ 63.5679, 0.3065,
0.3028

■ 0.4141, 0.2808,
0.1889

■ 84.6690, 0.3071,
0.3051

■ 0.0000, 0.0000,
0.0000

109.9885, 0.3076,
0.3071

139.9107, 0.3080,

0.3087

174.8200, 0.3083,
0.3101

■ 13.6593, 0.3020,
0.2863

■ 13.6593, 0.3020,
0.2863

■ 11.2295, 0.2945,
0.2598

■ 16.4472, 0.3085,
0.3114

■ 9.1410, 0.2860,
0.2325

■ 19.6056, 0.3140,
0.3347

■ 7.3779, 0.2765,
0.2050

■ 23.1487, 0.3187,
0.3561

■ 5.9227, 0.2662,
0.1784

■ 27.0892, 0.3226,
0.3756

■ 4.7560, 0.2554,
0.1538

■ 31.4392, 0.3258,
0.3933

■ 3.8561, 0.2443,
0.1325

■ 36.2105, 0.3285,
0.4091

■ 3.1982, 0.2335,
0.1154

■ 41.4141, 0.3306,
0.4234

■ 2.7227, 0.2232,
0.1022

■ 47.0609, 0.3324,
0.4362

■ 2.6100, 0.2206,
0.0989

■ 53.1611, 0.3338,
0.4477

Harmonies

Analogous

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



13.6593, 0.2771, 0.2820



13.6593, 0.3020, 0.2863



13.6593, 0.3309, 0.3007

Triad

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



13.6593, 0.3020, 0.2863



13.6593, 0.3657, 0.3668



13.6593, 0.2710, 0.3340

Complementary

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



13.6593, 0.3020, 0.2863



17.5170, 0.3219, 0.3723

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.



13.6593, 0.2933, 0.3599



13.6593, 0.3020, 0.2863



13.6593, 0.3481, 0.3788

Square

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



13.6593, 0.3020, 0.2863



13.6593, 0.3687, 0.3459



13.6593, 0.3214, 0.3767



13.6593, 0.2599, 0.3079

Rectangle

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



13.6593, 0.3020, 0.2863



13.6593, 0.3485, 0.3145



13.6593, 0.3214, 0.3767



13.6593, 0.2774, 0.3431

Sweetspot

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



13.6599, 0.3020, 0.2863



30.1908, 0.3099, 0.3170



14.7533, 0.2865, 0.3039



7.0826, 0.3096, 0.3157



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



13.6599, 0.3020, 0.2863



22.2367, 0.2991, 0.2758



14.2377, 0.3165, 0.2906



3.9962, 0.3075, 0.3075



2.8396, 0.2202, 0.0987



13.0353, 0.2154, 0.0960

Inverse Universe

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



13.9978, 0.3313, 0.3110



22.9621, 0.3365, 0.3067



17.0103, 0.3090, 0.3707



4.0408, 0.3216, 0.3199



4.6170, 0.5187, 0.2631



21.8603, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 13.6593, 0.3020, 0.2863 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 13.6593, 0.3020, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

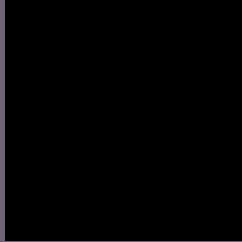
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.6593, 0.3020, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 13.6593, 0.3020, 0.2863.



This preview shows how white text looks on a background with the Yxy color 13.6593, 0.3020, 0.2863.

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

13.6593, 0.3020, 0.2863

Protanopia

13.7583, 0.2837, 0.2889

Deuteranopia

13.7276, 0.2951, 0.2896



Tritanopia

13.6627, 0.3135, 0.3122

Trichromacy



Original Color

13.6593, 0.3020, 0.2863

Protanomaly

13.7668, 0.2899, 0.2893

Deuteranomaly

13.6586, 0.2978, 0.2878

Tritanomaly

13.6216, 0.3097, 0.3020

Monochromacy



Original Color

13.6593, 0.3020, 0.2863

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.9521, 0.3092, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6593, 0.3020, 0.2863 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(111, 99, 120)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 120)  
}
```

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(111, 99, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 120) }
```

Border

The CSS property to change the border of an element to Yxy 13.6593, 0.3020, 0.2863 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(111, 99, 120) }
```

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

```
.border{ border-color:rgb(111, 99, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 120);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6593, 0.3020, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 120) }
```

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

```
.background{ background-color: rgb(111, 99,  
120) }
```

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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