

Converting Colors

$Y_{xy}(13.3933, 0.3426, 0.3375)$

Have a look what the booklet for
Yxy(13.3933, 0.3426, 0.3375)
contains.

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Color

Yxy(13.3947, 0.3426, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	73635F
RGB	115, 99, 95
RGB Percent	45%, 39%, 37%
CMY	0.5490, 0.6117, 0.6274
CMYK	0.00, 0.14, 0.17, 0.55
HSL	12°, 10%, 41%
HSV	12°, 17%, 45%
XYZ	13.5971, 13.3947, 12.6962
YIQ	103.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

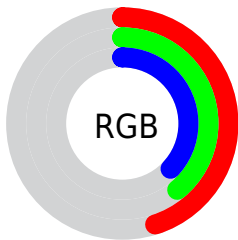
Format	Color
R_{YB}	115, 100, 95
Decimal	7562079
CIE Lab	43.35, 5.67, 4.62
CIE LCh	43, 7.317, 39.172
Yxy	13.3947, 0.3426, 0.3375
Android (android.graphics.Color)	4285752159 (0xFF73635F)
YUV	103.3280, -4.1057, 10.2363
Hunter-Lab	36.5988, 2.2681, 5.0513

Details

The Yxy color **13.3947, 0.3426, 0.3375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0383, 0.2875, 0.3203**, and the grayscale version is **13.6641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0725, 0.3352, 0.3365**, and **3.9612, 0.3585, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **11.5565, 0.3645, 0.3428**, and if you desaturate by 10%, it is **15.4635, 0.3243, 0.3325**.

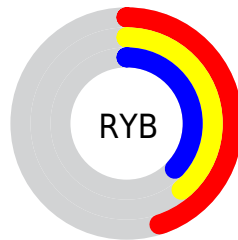
Distribution



Red (45%)

Green (39%)

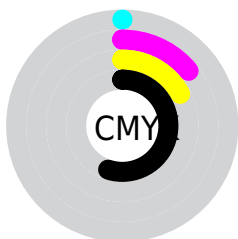
Blue (37%)



Red (45%)

Yellow (39%)

Blue (37%)

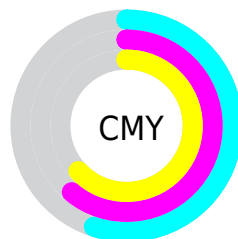


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (55%)



Cyan (55%)


Magenta (61%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.3947, 0.3426, 0.3375 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 13.3947, 0.3426, 0.3375 by changing the saturation by 10% instead.


 13.3947, 0.3426,
0.3375


 13.3947, 0.3426,
0.3375


213.4320, 0.3245,
0.3326


 7.7009, 0.3487,
0.3391


 32.0111, 0.3350,
0.3355


 3.9042, 0.3580,
0.3413

 45.7024, 0.3325,
0.3348

 1.6201, 0.3737,
0.3447

 62.8285, 0.3305,
0.3342

 0.3711, 0.5208,
0.3934

 83.7735, 0.3289,
0.3338

 0.0000, 0.0000,
0.0000

108.9220, 0.3275,
0.3334

138.6583, 0.3263,

0.3331

173.3668, 0.3254,
0.3328

■ 13.3947, 0.3426,
0.3375

■ 13.3947, 0.3426,
0.3375

■ 11.5565, 0.3645,
0.3428

■ 15.4635, 0.3243,
0.3325

■ 9.9392, 0.3906,
0.3481

■ 17.7688, 0.3090,
0.3278

■ 8.5349, 0.4211,
0.3531

■ 20.3183, 0.2962,
0.3235

■ 7.3346, 0.4560,
0.3574

■ 23.1189, 0.2855,
0.3196

■ 6.3286, 0.4943,
0.3602

■ 26.1774, 0.2764,
0.3160

■ 5.5067, 0.5338,
0.3607

■ 29.5001, 0.2688,
0.3127

■ 4.8572, 0.5708,
0.3581

■ 33.0932, 0.2623,
0.3097

■ 4.3643, 0.6030,
0.3536

■ 36.9626, 0.2567,
0.3070

■ 4.2577, 0.6113,
0.3528

■ 41.1142, 0.2519,
0.3046

Harmonies

Analogous

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



13.3947, 0.3349, 0.3241



13.3947, 0.3426, 0.3375



13.3947, 0.3420, 0.3491

Triad

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



13.3947, 0.3426, 0.3375



13.3947, 0.3038, 0.3467



13.3947, 0.2920, 0.3031

Complementary

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



13.3947, 0.3426, 0.3375



15.0383, 0.2875, 0.3203

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.



13.3947, 0.2842, 0.3083



13.3947, 0.3426, 0.3375



13.3947, 0.2909, 0.3335

Square

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



13.3947, 0.3426, 0.3375



13.3947, 0.3194, 0.3549



13.3947, 0.2837, 0.3193



13.3947, 0.3055, 0.3046

Rectangle

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



13.3947, 0.3426, 0.3375



13.3947, 0.3371, 0.3542



13.3947, 0.2837, 0.3193



13.3947, 0.2886, 0.3041

Sweetspot

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



13.3953, 0.3426, 0.3375



28.5857, 0.3206, 0.3314



12.9773, 0.3203, 0.2962



6.7663, 0.3215, 0.3317



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.



13.3953, 0.3426, 0.3375



22.5676, 0.3513, 0.3397



15.4074, 0.3393, 0.3580



3.8087, 0.3271, 0.3333



4.8406, 0.6123, 0.3520



22.5874, 0.6203, 0.3457

Inverse Universe

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



15.0383, 0.2875, 0.3203



26.1134, 0.2816, 0.3181



12.9784, 0.2865, 0.2983



4.0368, 0.2995, 0.3247



10.1329, 0.2072, 0.2659



48.1545, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 13.3947, 0.3426, 0.3375 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 13.3947, 0.3426, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

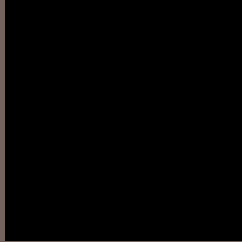
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.3947, 0.3426, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 13.3947, 0.3426, 0.3375.



This preview shows how white text looks on a background with the Yxy color 13.3947, 0.3426, 0.3375.

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

13.3947, 0.3426, 0.3375

Protanopia

13.4300, 0.3253, 0.3399

Deuteranopia

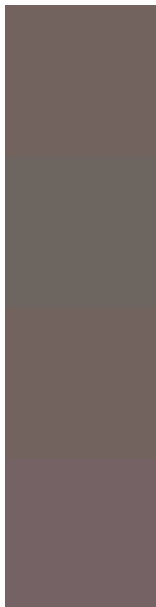
13.3947, 0.3426, 0.3375



Tritanopia

13.2823, 0.3301, 0.3125

Trichromacy



Original Color

13.3947, 0.3426, 0.3375

Protanomaly

13.4031, 0.3314, 0.3398

Deuteranomaly

13.3947, 0.3426, 0.3375

Tritanomaly

13.3880, 0.3356, 0.3228

Monochromacy



Original Color

13.3947, 0.3426, 0.3375

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.5486, 0.3227, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.3947, 0.3426, 0.3375 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(115, 99, 95)` looks like.

```
.text, #text, p{  
    color:rgb(115, 99, 95)  
}
```

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(115, 99, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 99, 95) }
```

Border

The CSS property to change the border of an element to Yxy 13.3947, 0.3426, 0.3375 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(115, 99, 95) }
```

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

```
.border{ border-color:rgb(115, 99, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 99, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 99, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 99, 95);  
box-shadow:4px 4px 4px 4px rgb(115, 99,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 13.3947, 0.3426, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 99, 95) }
```

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

```
.background{ background-color: rgb(115, 99,  
95) }
```

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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