

Converting Colors

$Y_{xy}(13.9870, 0.3240, 0.4275)$

Have a look what the booklet for
Yxy(13.9870, 0.3240, 0.4275)
contains.

Yxy(13.9281, 0.3247, 0.4271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9281, 0.3247, 0.4271)

Conversions

Conversions Part 1

Format	Color
Hex	547047
RGB	84, 112, 71
RGB Percent	33%, 44%, 28%
CMY	0.6705, 0.5608, 0.7215
CMYK	0.25, 0.00, 0.37, 0.56
HSL	101°, 22%, 36%
HSV	101°, 37%, 44%
XYZ	10.5887, 13.9281, 8.0940
YIQ	98.9540, -3.5270, -18.6870

Conversions

Conversions Part 2

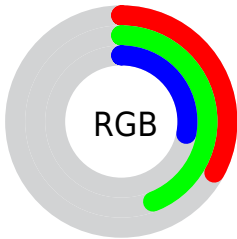
Format	Color
RYB	71, 112, 99
Decimal	5533767
CIELab	44.13, -18.59, 19.58
CIELCh	44, 27.000, 133.521
Yxy	13.9281, 0.3247, 0.4271
Android (android.graphics.Color)	4283723847 (0xFF547047)
YUV	98.9540, -13.7813, -13.1147
Hunter-Lab	37.3204, -14.6656, 13.2655

Details

The Yxy color **13.9281, 0.3247, 0.4271** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.3312, 0.2946, 0.2377**, and the grayscale version is **12.5023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9753, 0.3223, 0.4011**, and **4.1392, 0.3241, 0.4801** is the 20% darker color. If you saturate the color by 10%, you get **13.4639, 0.3268, 0.4576**, and if you desaturate by 10%, it is **14.4585, 0.3219, 0.3976**.

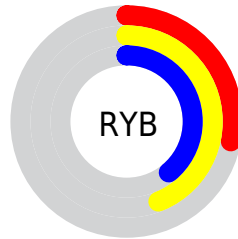
Distribution



Red (33%)

Green (44%)

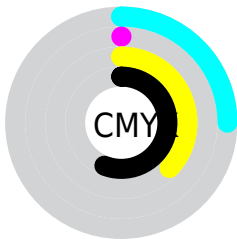
Blue (28%)



Red (28%)

Yellow (44%)

Blue (39%)

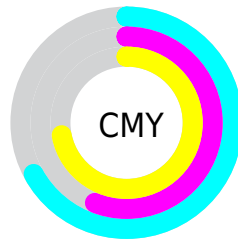


Cyan (25%)

Magenta (0%)

Yellow (37%)

Black (56%)



Cyan (67%)


Magenta (56%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.9281, 0.3247, 0.4271 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 13.9281, 0.3247, 0.4271 by changing the saturation by 10% instead.


 13.9281, 0.3247,
0.4271


 13.9281, 0.3247,
0.4271


216.7831, 0.3189,
0.3662


 8.0707, 0.3255,
0.4485


 32.9614, 0.3229,
0.4010


 4.1402, 0.3253,
0.4814

 46.9061, 0.3221,
0.3926

 1.7523, 0.3343,
0.5590

 64.3153, 0.3214,
0.3859

 0.4572, 0.0000,
1.0000

 85.5734, 0.3207,
0.3804

 0.0000, 0.0000,
0.0000

 111.0648, 0.3202,
0.3759

141.1740, 0.3197,

0.3722

176.2853, 0.3193,
0.3690

■ 13.9281, 0.3247,
0.4271

■ 13.9281, 0.3247,
0.4271

■ 13.4639, 0.3268,
0.4576

■ 14.4585, 0.3219,
0.3976

■ 13.0615, 0.3279,
0.4881

■ 15.0560, 0.3186,
0.3699

■ 12.7186, 0.3278,
0.5171

■ 15.7234, 0.3151,
0.3445

■ 12.4320, 0.3263,
0.5429

■ 16.4631, 0.3115,
0.3214

■ 12.1982, 0.3234,
0.5639

■ 17.2771, 0.3079,
0.3007

■ 12.0109, 0.3196,
0.5800

■ 18.1676, 0.3044,
0.2823

■ 11.9546, 0.3185,
0.5853

■ 19.1366, 0.3010,
0.2659

■ 20.1859, 0.2978,
0.2515

■ 21.3173, 0.2948,
0.2387

Harmonies

Analogous

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



13.9281, 0.3778, 0.4281



13.9281, 0.3247, 0.4271



13.9281, 0.2710, 0.3909

Triad

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



13.9281, 0.3247, 0.4271



13.9281, 0.2175, 0.2504



13.9281, 0.4003, 0.3153

Complementary

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



13.9281, 0.3247, 0.4271



8.3312, 0.2946, 0.2377

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.



13.9281, 0.3500, 0.2768



13.9281, 0.3247, 0.4271



13.9281, 0.2453, 0.2401

Square

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



13.9281, 0.3247, 0.4271



13.9281, 0.2123, 0.2827



13.9281, 0.2925, 0.2500



13.9281, 0.4247, 0.3592

Rectangle

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



13.9281, 0.3247, 0.4271



13.9281, 0.2420, 0.3539



13.9281, 0.2925, 0.2500



13.9281, 0.3856, 0.3015

Sweetspot

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



13.9287, 0.3247, 0.4271



27.0564, 0.3168, 0.3561



12.6987, 0.3738, 0.3885



6.4718, 0.3171, 0.3587



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



13.9287, 0.3247, 0.4271



23.7638, 0.3265, 0.4532



13.4763, 0.3004, 0.4146



3.8098, 0.3160, 0.3504



13.8090, 0.3180, 0.5857



68.3737, 0.3145, 0.5885

Inverse Universe

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



8.3312, 0.2946, 0.2377



12.3644, 0.2889, 0.2155



8.9766, 0.3283, 0.2564



3.4030, 0.3092, 0.3080



3.1395, 0.2450, 0.1123



15.1633, 0.2408, 0.1100

Previews

White Background



This preview shows how the Yxy color 13.9281, 0.3247, 0.4271 looks on a white background.

Color Contrast Check

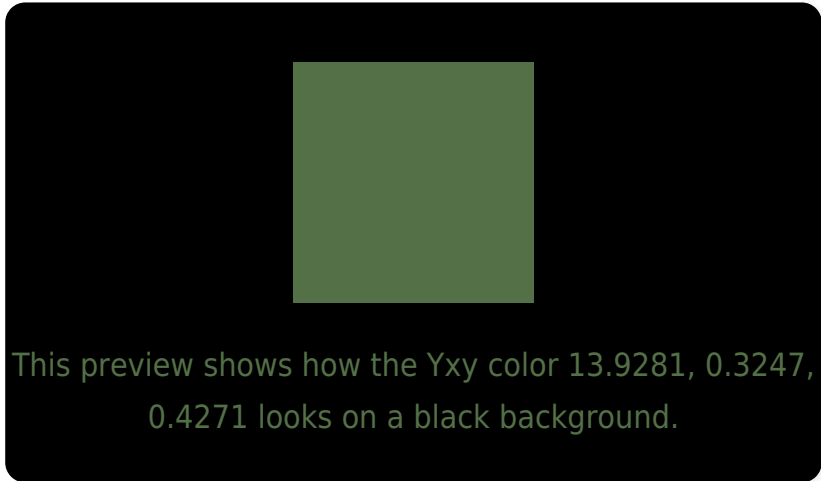
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

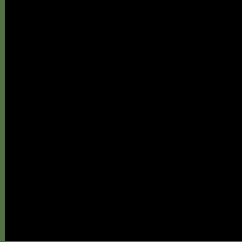
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9281, 0.3247, 0.4271

Background



This preview shows how black text looks on a background with the Yxy color 13.9281, 0.3247, 0.4271.



This preview shows how white text looks on a background with the Yxy color 13.9281, 0.3247, 0.4271.

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

13.9281, 0.3247, 0.4271

Protanopia

13.8287, 0.3755, 0.4056

Deuteranopia

13.8938, 0.3873, 0.3815



Tritanopia

13.9773, 0.2821, 0.3113

Trichromacy



Original Color

13.9281, 0.3247, 0.4271

Protanomaly

13.7698, 0.3553, 0.4142

Deuteranomaly

13.6329, 0.3625, 0.3966

Tritanomaly

13.9128, 0.2971, 0.3520

Monochromacy



Original Color

13.9281, 0.3247, 0.4271

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.0016, 0.3182, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9281, 0.3247, 0.4271 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(84, 112, 71)` looks like.

```
.text, #text, p{  
    color:rgb(84, 112, 71)  
}
```

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(84, 112, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 112, 71) }
```

Border

The CSS property to change the border of an element to Yxy 13.9281, 0.3247, 0.4271 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(84, 112, 71) }
```

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

```
.border{ border-color:rgb(84, 112, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 112, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 112, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 112, 71);  
box-shadow:4px 4px 4px 4px rgb(84, 112,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9281, 0.3247, 0.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 112, 71) }
```

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

```
.background{ background-color: rgb(84, 112,  
71) }
```

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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