

Converting Colors

$Y_{xy}(13.1219, 0.2983, 0.3258)$

Have a look what the booklet for
Yxy(13.1219, 0.2983, 0.3258)
contains.

Yxy(13.1001, 0.2976, 0.3245)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.1001, 0.2976, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	5E6769
RGB	94, 103, 105
RGB Percent	37%, 40%, 41%
CMY	0.6314, 0.5960, 0.5883
CMYK	0.10, 0.02, 0.00, 0.59
HSL	191°, 6%, 39%
HSV	191°, 10%, 41%
XYZ	12.0141, 13.1001, 15.2559
YIQ	100.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

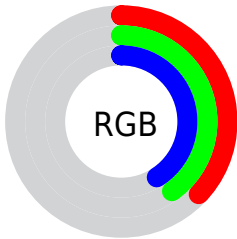
Format	Color
R_{YB}	94, 99, 105
Decimal	6186857
CIE _{Lab}	42.91, -3.01, -2.30
CIE _{LCh}	43, 3.787, 217.440
Yxy	13.1001, 0.2976, 0.3245
Android (android.graphics.Color)	4284376937 (0xFF5E6769)
YUV	100.5370, 2.2003, -5.7329
Hunter-Lab	36.1941, -4.0889, 0.3450

Details

The Yxy color **13.1001, 0.2976, 0.3245** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1686, 0.3295, 0.3335**, and the grayscale version is **12.8833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4408, 0.3012, 0.3259**, and **3.7622, 0.2901, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **12.2119, 0.2835, 0.3198**, and if you desaturate by 10%, it is **14.0733, 0.3120, 0.3288**.

Distribution



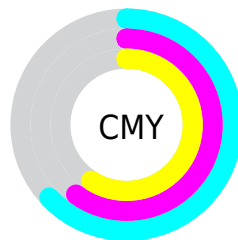
- Red (37%)
- Green (40%)
- Blue (41%)



- Red (37%)
- Yellow (39%)
- Blue (41%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.1001, 0.2976, 0.3245 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 13.1001, 0.2976, 0.3245 by changing the saturation by 10% instead.

■ 13.1001, 0.2976,
0.3245

■ 13.1001, 0.2976,
0.3245

■ 211.5582, 0.3067,
0.3273

■ 7.4975, 0.2945,
0.3235

■ 31.4835, 0.3014,
0.3257

■ 3.7751, 0.2899,
0.3221

■ 45.0331, 0.3027,
0.3261

■ 1.5486, 0.2822,
0.3195

■ 62.0005, 0.3037,
0.3264

■ 0.3226, 0.2183,
0.3020

■ 82.7701, 0.3045,
0.3266

■ 0.0000, 0.0000,
0.0000

■ 107.7263, 0.3052,
0.3268

■ 137.2534, 0.3058,

0.3270

171.7359, 0.3063,
0.3271

■ 13.1001, 0.2976,
0.3245

■ 13.1001, 0.2976,
0.3245

■ 12.2119, 0.2835,
0.3198

■ 14.0733, 0.3120,
0.3288

■ 11.4041, 0.2699,
0.3148

■ 15.1329, 0.3265,
0.3327

■ 10.6738, 0.2572,
0.3094

■ 16.2821, 0.3409,
0.3362

■ 10.0177, 0.2455,
0.3037

■ 17.5236, 0.3551,
0.3394

■ 9.4317, 0.2352,
0.2978

■ 18.8599, 0.3688,
0.3422

8.9118, 0.2264,
0.2918

20.2934, 0.3821,
0.3446

8.4531, 0.2192,
0.2857

21.8264, 0.3949,
0.3468

8.0503, 0.2138,
0.2795

23.4612, 0.4070,
0.3486

7.6950, 0.2094,
0.2737

25.2000, 0.4186,
0.3502

Harmonies

Analogous

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



13.1001, 0.3016, 0.3318



13.1001, 0.2976, 0.3245



13.1001, 0.2976, 0.3185

Triad

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



13.1001, 0.2976, 0.3245



13.1001, 0.3167, 0.3198



13.1001, 0.3239, 0.3428

Complementary

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



13.1001, 0.2976, 0.3245



12.1686, 0.3295, 0.3335

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.



13.1001, 0.3281, 0.3393



13.1001, 0.2976, 0.3245



13.1001, 0.3239, 0.3261

Square

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



13.1001, 0.2976, 0.3245



13.1001, 0.3086, 0.3160



13.1001, 0.3281, 0.3332



13.1001, 0.3167, 0.3425

Rectangle

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



13.1001, 0.2976, 0.3245



13.1001, 0.2998, 0.3161



13.1001, 0.3281, 0.3332



13.1001, 0.3257, 0.3420

Sweetspot

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



13.1006, 0.2976, 0.3245



24.7386, 0.3082, 0.3277



13.3201, 0.3092, 0.3500



5.7667, 0.3073, 0.3274



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



13.1006, 0.2976, 0.3245



22.9893, 0.2935, 0.3232



12.0685, 0.2975, 0.3122



3.4041, 0.2997, 0.3252



9.6984, 0.2092, 0.2729



48.2693, 0.2082, 0.2694

Inverse Universe

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



11.9842, 0.3167, 0.3092



20.4971, 0.3179, 0.3036



13.1795, 0.3282, 0.3452



3.1550, 0.3161, 0.3121



4.6514, 0.3700, 0.1812



23.5851, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 13.1001, 0.2976, 0.3245 looks on a white background.

Color Contrast Check

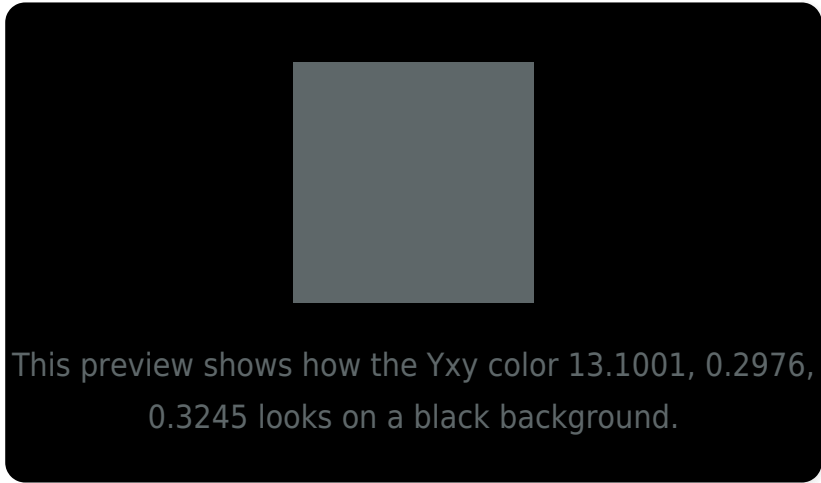
Large Text (above 18pt) WCAG AA ✓ Pass

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

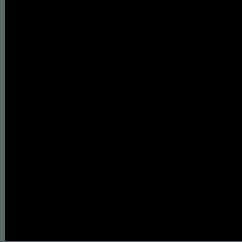
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

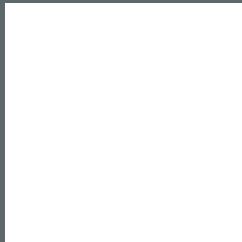
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 13.1001, 0.2976, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 13.1001, 0.2976, 0.3245.



This preview shows how white text looks on a background with the Yxy color 13.1001, 0.2976, 0.3245.

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

13.1001, 0.2976, 0.3245

Protanopia

13.1316, 0.3101, 0.3224

Deuteranopia

13.0272, 0.3180, 0.3120



Tritanopia

13.0614, 0.2927, 0.3112

Trichromacy



Original Color

13.1001, 0.2976, 0.3245

Protanomaly

13.1549, 0.3058, 0.3245

Deuteranomaly

13.0980, 0.3104, 0.3160

Tritanomaly

13.0183, 0.2952, 0.3156

Monochromacy



Original Color

13.1001, 0.2976, 0.3245

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.0587, 0.3070, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1001, 0.2976, 0.3245 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(94, 103, 105) looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 105)  
}
```

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(94, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 105) }
```

Border

The CSS property to change the border of an element to Yxy 13.1001, 0.2976, 0.3245 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(94, 103, 105) }
```

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

```
.border{ border-color:rgb(94, 103, 105) }
```

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

Here you see how a box with a 4 pixel rgb(94, 103, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1001, 0.2976, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 105) }
```

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

```
.background{ background-color: rgb(94, 103,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor