

Converting Colors

Yxy(89.6829, 0.3144, 0.3321)

Have a look what the booklet for
Yxy(89.6829, 0.3144, 0.3321)
contains.

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Color

Yxy(89.4471, 0.3145, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F3F3F0
RGB	243, 243, 240
RGB Percent	95%, 95%, 94%
CMY	0.0472, 0.0470, 0.0588
CMYK	0.00, 0.00, 0.01, 0.05
HSL	61°, 11%, 95%
HSV	61°, 1%, 95%
XYZ	84.7323, 89.4471, 95.2396
YIQ	242.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

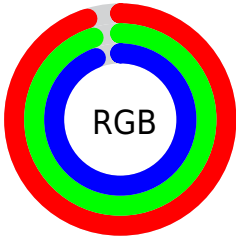
Format	Color
R_{YB}	240, 243, 240
Decimal	15987696
CIE _{Lab}	95.77, -0.54, 1.43
CIE _{LCh}	96, 1.528, 110.610
Yxy	89.4471, 0.3145, 0.3320
Android (android.graphics.Color)	4294177776 (0xFFFF3F3F0)
YUV	242.6580, -1.3104, 0.2999
Hunter-Lab	94.5765, -5.5884, 6.4978

Details

The Yxy color $89.4471, 0.3145, 0.3320$ is a light color, and the websafe version is hex FFFFFF. A complement of this color would be $87.3298, 0.3109, 0.3260$, and the grayscale version is $89.3509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.5661, 0.3150, 0.3328$ is the 20% darker color. If you saturate the color by 10%, you get $88.0310, 0.3292, 0.3568$, and if you desaturate by 10%, it is $90.4505, 0.3058, 0.3172$.

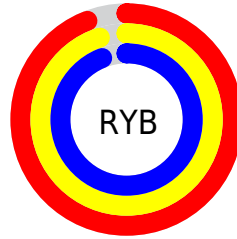
Distribution



Red (95%)

Green (95%)

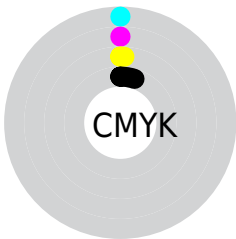
Blue (94%)



Red (94%)

Yellow (95%)

Blue (94%)

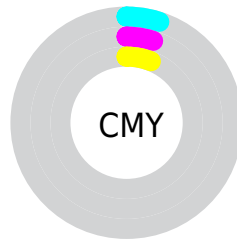


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.4471, 0.3145, 0.3320 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 89.4471, 0.3145, 0.3320 by changing the saturation by 10% instead.

89.4471, 0.3145,
0.3320

89.4471, 0.3145,
0.3320

526.2306, 0.3137,
0.3307

67.5222, 0.3147,
0.3323

146.5702, 0.3142,
0.3315

49.5091, 0.3149,
0.3327

182.5371, 0.3141,
0.3314

35.0235, 0.3151,
0.3331

223.9534, 0.3140,
0.3312

23.6810, 0.3155,
0.3337

271.2036, 0.3140,
0.3311

15.0971, 0.3159,
0.3344

324.6720, 0.3139,
0.3310

8.8876, 0.3166,
0.3355

384.7431, 0.3138,

4.6679, 0.3175,

0.3309

0.3370

451.8012, 0.3138,
0.3308

■ 2.0538, 0.3189,
0.3396

■ 0.6384, 0.3249,
0.3494

■ 89.4471, 0.3145,
0.3320

■ 89.4471, 0.3145,
0.3320

■ 88.0310, 0.3292,
0.3568

■ 90.4505, 0.3058,
0.3172

■ 86.7970, 0.3442,
0.3821

■ 90.5217, 0.3061,
0.3173

■ 85.7408, 0.3591,
0.4073


■ 90.5931, 0.3063,
0.3173

■ 84.8537, 0.3732,
0.4315


■ 90.6646, 0.3066,
0.3173


 84.1262, 0.3861,
0.4535


 90.7363, 0.3068,
0.3173


 83.5479, 0.3971,
0.4725


 90.8082, 0.3071,
0.3173


 83.1071, 0.4057,
0.4876

 90.8802, 0.3073,
0.3173

 82.7904, 0.4118,
0.4984

 90.9523, 0.3076,
0.3173

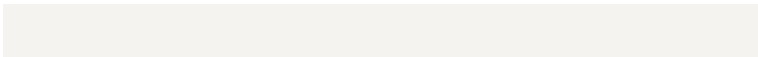
 82.5819, 0.4152,
0.5048

 91.0246, 0.3078,
0.3173

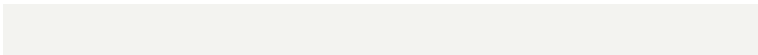
Harmonies

Analogous

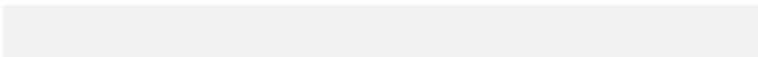
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4471, 0.3157, 0.3316



89.4471, 0.3145, 0.3320



89.4471, 0.3128, 0.3316

Triad

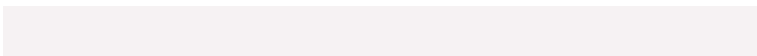
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4471, 0.3145, 0.3320



89.4471, 0.3094, 0.3275



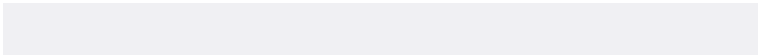
89.4471, 0.3143, 0.3276

Complementary

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



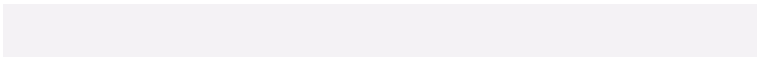
89.4471, 0.3145, 0.3320



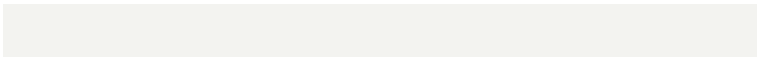
87.3298, 0.3109, 0.3260

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.



89.4471, 0.3126, 0.3265



89.4471, 0.3145, 0.3320



89.4471, 0.3098, 0.3264

Square

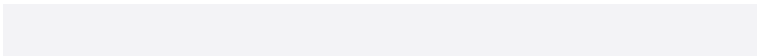
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



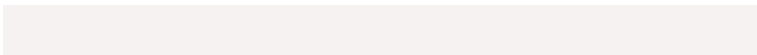
89.4471, 0.3145, 0.3320



89.4471, 0.3099, 0.3289



89.4471, 0.3109, 0.3261



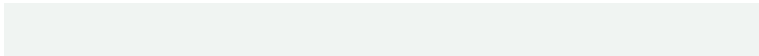
89.4471, 0.3156, 0.3291

Rectangle

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



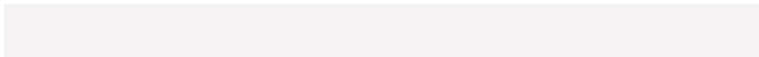
89.4471, 0.3145, 0.3320



89.4471, 0.3117, 0.3309



89.4471, 0.3109, 0.3261



89.4471, 0.3138, 0.3272

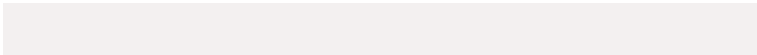
Sweetspot

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



89.4510, 0.3145, 0.3320

100.0000, 0.3127, 0.3290



87.6721, 0.3147, 0.3290



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

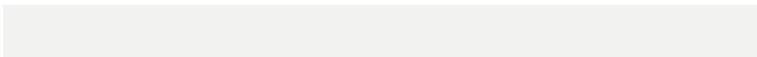
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4510, 0.3145, 0.3320



99.8289, 0.3142, 0.3314



89.1929, 0.3136, 0.3320



19.5677, 0.3141, 0.3313



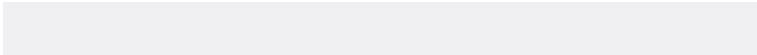
45.2597, 0.4165, 0.5075



3.9823, 0.4169, 0.5072

Inverse Universe

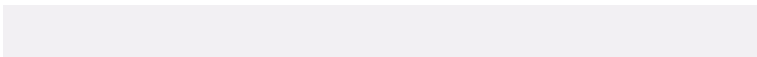
The Inverse Universe completely reimagines the original color for something new.



87.3298, 0.3109, 0.3260



97.9112, 0.3113, 0.3266



87.5857, 0.3119, 0.3260



19.2118, 0.3113, 0.3267



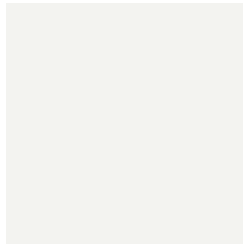
3.5713, 0.1505, 0.0603



0.3184, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 89.4471, 0.3145, 0.3320 looks on a white background.

Color Contrast Check

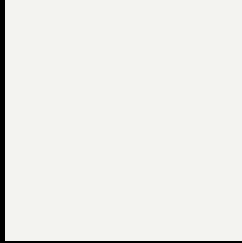
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 89.4471, 0.3145, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

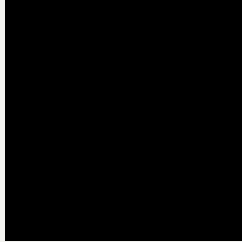
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

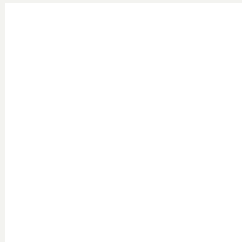
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.4471, 0.3145, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 89.4471, 0.3145, 0.3320.

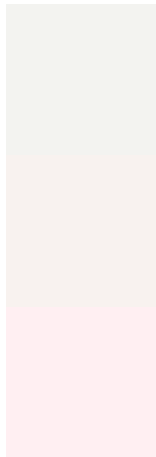


This preview shows how white text looks on a background with the Yxy color 89.4471, 0.3145, 0.3320.

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

89.4471, 0.3145, 0.3320

Protanopia

89.6927, 0.3185, 0.3320

Deuteranopia

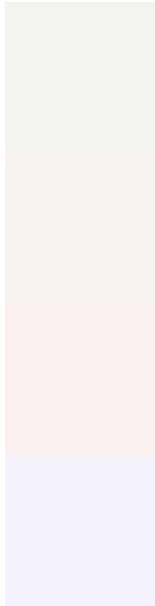
89.4038, 0.3215, 0.3261



Tritanopia

89.5431, 0.3069, 0.3153

Trichromacy



Original Color

89.4471, 0.3145, 0.3320

Protanomaly

89.3291, 0.3172, 0.3320

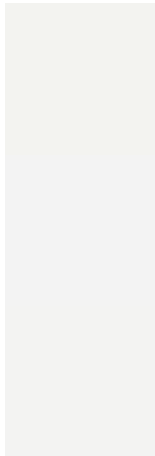
Deuteranomaly

89.1803, 0.3194, 0.3280

Tritanomaly

89.6395, 0.3092, 0.3211

Monochromacy



Original Color

89.4471, 0.3145, 0.3320

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5667, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4471, 0.3145, 0.3320 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(243, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 240)  
}
```

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(243, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 240) }
```

Border

The CSS property to change the border of an element to Yxy 89.4471, 0.3145, 0.3320 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(243, 243, 240) }
```

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

```
.border{ border-color:rgb(243, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 243, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 243, 240); box-shadow:4px 4px 4px 4px rgb(243, 243, 240) }
```

Background

The CSS property to change the background color of an element to Yxy 89.4471, 0.3145, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 240) }
```

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

```
.background{ background-color: rgb(243,  
243, 240) }
```

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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