

Converting Colors

Yxy(90.1624, 0.3123, 0.3368)

Have a look what the booklet for
Yxy(90.1624, 0.3123, 0.3368)
contains.

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Color

Yxy(90.2617, 0.3123, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	EEF6EE
RGB	238, 246, 238
RGB Percent	93%, 96%, 93%
CMY	0.0668, 0.0353, 0.0665
CMYK	0.03, 0.00, 0.03, 0.04
HSL	120°, 31%, 95%
HSV	120°, 3%, 96%
XYZ	83.6461, 90.2617, 93.9311
YIQ	242.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

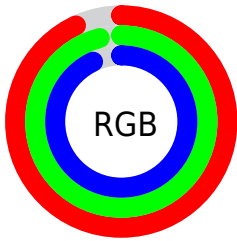
Format	Color
R _Y B	238, 246, 246
Decimal	15660782
CIE Lab	96.11, -4.06, 2.89
CIE LCh	96, 4.987, 144.527
Yxy	90.2617, 0.3123, 0.3370
Android (android.graphics.Color)	4293850862 (0xFFEEF6EE)
YUV	242.6960, -2.3151, -4.1184
Hunter-Lab	95.0062, -9.1044, 7.8852

Details

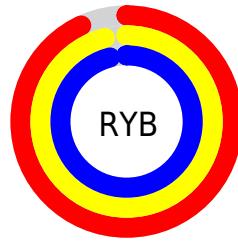
The Yxy color 90.2617, 0.3123, 0.3370 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.3798, 0.3131, 0.3211, and the grayscale version is 89.3949, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1494, 0.3122, 0.3393 is the 20% darker color. If you saturate the color by 10%, you get 84.9558, 0.3109, 0.3638, and if you desaturate by 10%, it is 94.3974, 0.3131, 0.3204.

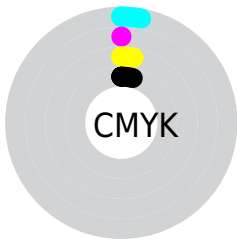
Distribution



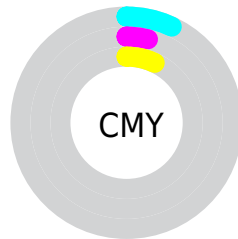
- Red (93%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (7%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.2617, 0.3123, 0.3370 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 90.2617, 0.3123, 0.3370 by changing the saturation by 10% instead.


 90.2617, 0.3123,
0.3370

 90.2617, 0.3123,
0.3370


528.8818, 0.3125,
0.3334

 68.1977, 0.3123,
0.3378


147.7019, 0.3124,
0.3358

 50.0586, 0.3122,
0.3388

183.8468, 0.3124,
0.3353

 35.4600, 0.3121,
0.3400


225.4542, 0.3124,
0.3349

 24.0174, 0.3120,
0.3415

272.9085, 0.3124,
0.3345

 15.3465, 0.3119,
0.3436

326.5940, 0.3125,
0.3342

 9.0630, 0.3117,
0.3464

386.8951, 0.3125,

 4.7823, 0.3114,

0.3339

0.3507

454.1962, 0.3125,
0.3337

■ 2.1201, 0.3109,
0.3576

■ 0.6759, 0.3100,
0.3856

■ 90.2617, 0.3123,
0.3370

■ 90.2617, 0.3123,
0.3370

■ 84.9558, 0.3109,
0.3638

■ 94.3974, 0.3131,
0.3204

■ 80.3912, 0.3094,
0.3942

■ 76.5383, 0.3077,
0.4276

■ 73.3613, 0.3060,
0.4631

■ 70.8213, 0.3042,
0.4990

■ 68.8753, 0.3027,
0.5328

■ 67.4752, 0.3014,
0.5616

■ 66.5651, 0.3005,
0.5830

■ 66.0775, 0.3001,
0.5955

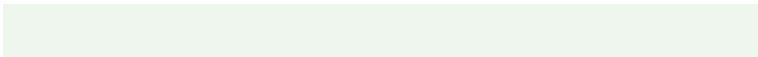
Harmonies

Analogous

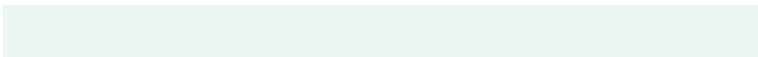
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2617, 0.3178, 0.3387



90.2617, 0.3123, 0.3370



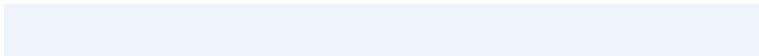
90.2617, 0.3069, 0.3331

Triad

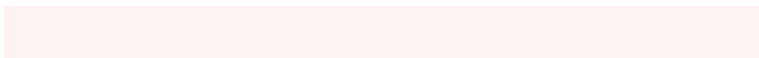
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2617, 0.3123, 0.3370



90.2617, 0.3035, 0.3203



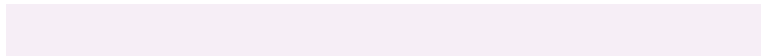
90.2617, 0.3224, 0.3298

Complementary

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



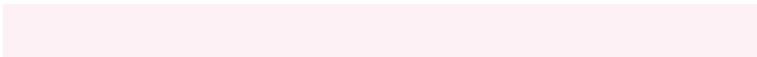
90.2617, 0.3123, 0.3370



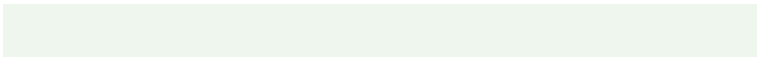
87.3798, 0.3131, 0.3211

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.



90.2617, 0.3185, 0.3250



90.2617, 0.3123, 0.3370



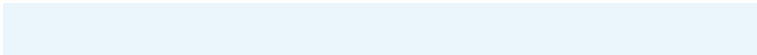
90.2617, 0.3076, 0.3195

Square

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



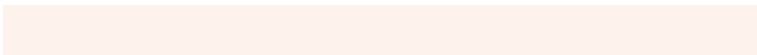
90.2617, 0.3123, 0.3370



90.2617, 0.3019, 0.3234



90.2617, 0.3131, 0.3212



90.2617, 0.3237, 0.3345

Rectangle

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



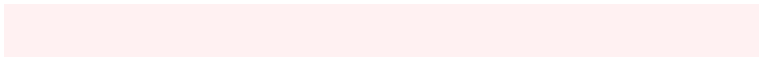
90.2617, 0.3123, 0.3370



90.2617, 0.3041, 0.3298



90.2617, 0.3131, 0.3212



90.2617, 0.3214, 0.3282

Sweetspot

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



90.2656, 0.3123, 0.3370



99.3577, 0.3126, 0.3314



91.6835, 0.3175, 0.3370



21.2734, 0.3126, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



90.2656, 0.3123, 0.3370



97.4818, 0.3122, 0.3389



90.5006, 0.3100, 0.3330



19.0183, 0.3121, 0.3407



35.1843, 0.2999, 0.5995



3.0931, 0.2995, 0.5982

Inverse Universe

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



87.3798, 0.3131, 0.3211



93.6587, 0.3132, 0.3193



87.1396, 0.3156, 0.3250



18.1361, 0.3133, 0.3175



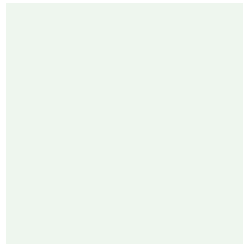
13.9471, 0.3229, 0.1552



1.2265, 0.3226, 0.1551

Previews

White Background



This preview shows how the Yxy color 90.2617, 0.3123, 0.3370 looks on a white background.

Color Contrast Check

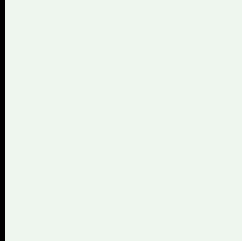
Large Text (above 18pt) WCAG AA × Fail

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 90.2617, 0.3123, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

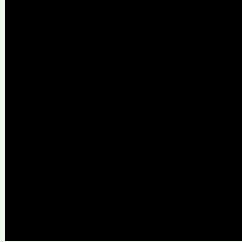
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

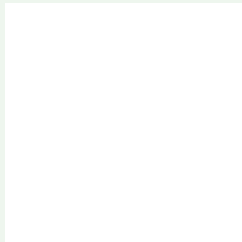
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2617, 0.3123, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 90.2617, 0.3123, 0.3370.

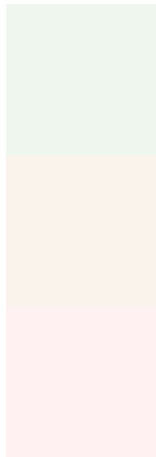


This preview shows how white text looks on a background with the Yxy color 90.2617, 0.3123, 0.3370.

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

90.2617, 0.3123, 0.3370

Protanopia

90.4813, 0.3216, 0.3359

Deuteranopia

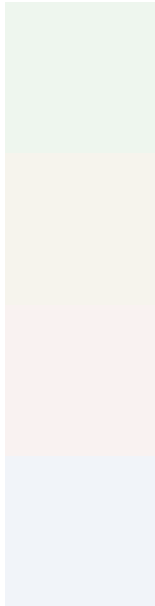
89.9910, 0.3214, 0.3271



Tritanopia

90.1984, 0.3050, 0.3172

Trichromacy



Original Color

90.2617, 0.3123, 0.3370

Protanomaly

90.4086, 0.3182, 0.3360

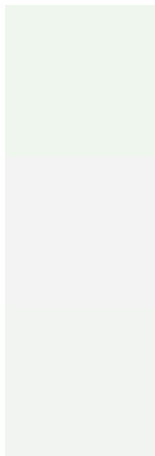
Deuteranomaly

89.9949, 0.3179, 0.3300

Tritanomaly

90.2417, 0.3078, 0.3240

Monochromacy



Original Color

90.2617, 0.3123, 0.3370

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.7530, 0.3126, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2617, 0.3123, 0.3370 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(238, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 238)  
}
```

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(238, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 238) }
```

Border

The CSS property to change the border of an element to Yxy 90.2617, 0.3123, 0.3370 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(238, 246, 238) }
```

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

```
.border{ border-color:rgb(238, 246, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2617, 0.3123, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 238) }
```

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

```
.background{ background-color: rgb(238,  
246, 238) }
```

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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