

Converting Colors

$Y_{xy}(90.4293, 0.3127, 0.3143)$

Have a look what the booklet for
Yxy(90.4293, 0.3127, 0.3143)
contains.

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Color

Yxy(90.6110, 0.3127, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0FF
RGB	254, 240, 255
RGB Percent	100%, 94%, 100%
CMY	0.0042, 0.0587, 0.0000
CMYK	0.00, 0.06, 0.00, 0.00
HSL	296°, 100%, 97%
HSV	296°, 6%, 100%
XYZ	90.0638, 90.6110, 107.3449
YIQ	245.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 240, 255
Decimal	16707839
CIE Lab	96.25, 7.27, -5.52
CIE LCh	96, 9.128, 322.791
Yxy	90.6110, 0.3127, 0.3146
Android (android.graphics.Color)	4294897919 (0xFFFEF0FF)
YUV	245.8960, 4.4883, 7.1072
Hunter-Lab	95.1898, 2.3055, -0.2281

Details

The Yxy color **90.6110, 0.3127, 0.3146** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.5264, 0.3127, 0.3438**, and the grayscale version is **92.0275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2285, 0.3127, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **76.2998, 0.3125, 0.2893**, and if you desaturate by 10%, it is **99.9997, 0.3127, 0.3290**.

Distribution



- Red (100%)
- Green (94%)
- Blue (100%)



- Red (100%)
- Yellow (94%)
- Blue (100%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6110, 0.3127, 0.3146 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 90.6110, 0.3127, 0.3146 by changing the saturation by 10% instead.

 90.6110, 0.3127,
0.3146

 90.6110, 0.3127,
0.3146

530.0164, 0.3127,
0.3209

 68.4875, 0.3127,
0.3132


148.1868, 0.3127,
0.3167

 50.2945, 0.3127,
0.3116

184.4079, 0.3127,
0.3176

 35.6474, 0.3126,
0.3095


226.0970, 0.3127,
0.3183

 24.1620, 0.3126,
0.3069

273.6385, 0.3127,
0.3190

 15.4538, 0.3125,
0.3034

327.4168, 0.3127,
0.3196

 9.1385, 0.3124,
0.2988

387.8163, 0.3127,

 4.8316, 0.3121,

0.3201

0.2920

455.2214, 0.3127,
0.3205

■ 2.1488, 0.3116,
0.2814

■ 0.6919, 0.3119,
0.2585

■ 90.6110, 0.3127,
0.3146

■ 90.6110, 0.3127,
0.3146

■ 76.2998, 0.3125,
0.2893

99.9997, 0.3127,
0.3290

■ 64.0101, 0.3122,
0.2637

■ 53.6521, 0.3116,
0.2384

■ 45.1250, 0.3108,
0.2145

■ 38.3184, 0.3098,
0.1929

■ 33.1105, 0.3085,
0.1747

■ 29.3633, 0.3070,
0.1606

■ 26.9153, 0.3053,
0.1510

■ 25.5663, 0.3036,
0.1456

Harmonies

Analogous

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



90.6110, 0.3028, 0.3117



90.6110, 0.3127, 0.3146



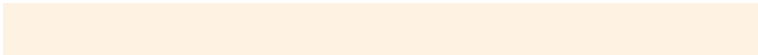
90.6110, 0.3228, 0.3212

Triad

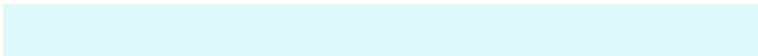
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6110, 0.3127, 0.3146



90.6110, 0.3301, 0.3448



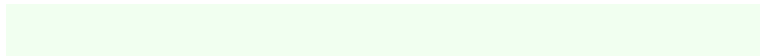
90.6110, 0.2955, 0.3277

Complementary

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



90.6110, 0.3127, 0.3146



96.5264, 0.3127, 0.3438

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.



90.6110, 0.3026, 0.3370



90.6110, 0.3127, 0.3146



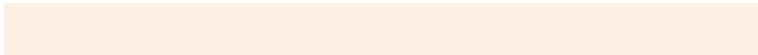
90.6110, 0.3225, 0.3469

Square

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



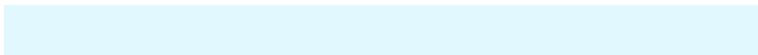
90.6110, 0.3127, 0.3146



90.6110, 0.3329, 0.3385



90.6110, 0.3125, 0.3440



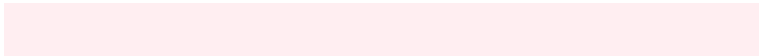
90.6110, 0.2930, 0.3190

Rectangle

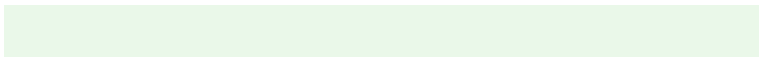
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.6110, 0.3127, 0.3146



90.6110, 0.3282, 0.3269



90.6110, 0.3125, 0.3440



90.6110, 0.2974, 0.3309

Sweetspot

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



90.6149, 0.3127, 0.3146



96.7205, 0.3127, 0.3241



88.8239, 0.3037, 0.3154



20.7365, 0.3127, 0.3244



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.



90.6149, 0.3127, 0.3146



88.8960, 0.3127, 0.3118



90.4205, 0.3172, 0.3206



18.8329, 0.3127, 0.3103



13.2005, 0.3031, 0.1444



1.3041, 0.3053, 0.1455

Inverse Universe

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



89.9522, 0.3220, 0.3280



88.1128, 0.3239, 0.3278



96.7171, 0.3085, 0.3376



18.6517, 0.3249, 0.3277



11.1393, 0.6328, 0.3260



1.0915, 0.6166, 0.3170

Previews

White Background



This preview shows how the Yxy color 90.6110, 0.3127, 0.3146 looks on a white background.

Color Contrast Check

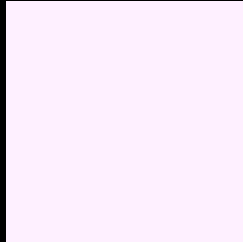
Large Text (above 18pt) WCAG AA × Fail

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 90.6110, 0.3127, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

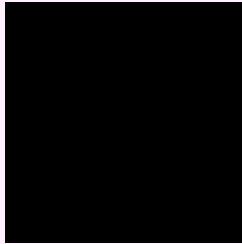
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

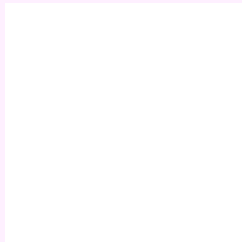
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6110, 0.3127, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 90.6110, 0.3127, 0.3146.



This preview shows how white text looks on a background with the Yxy color 90.6110, 0.3127, 0.3146.

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

90.6110, 0.3127, 0.3146

Protanopia

90.7337, 0.3069, 0.3173

Deuteranopia

90.5452, 0.3158, 0.3184



Tritanopia

90.8260, 0.3114, 0.3155

Trichromacy



Original Color

90.6110, 0.3127, 0.3146

Protanomaly

90.6807, 0.3088, 0.3164

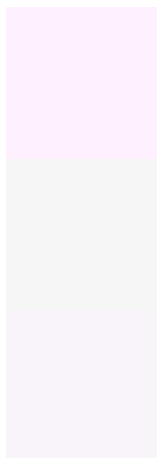
Deuteranomaly

90.6085, 0.3152, 0.3175

Tritanomaly

91.0132, 0.3121, 0.3155

Monochromacy



Original Color

90.6110, 0.3127, 0.3146

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.6807, 0.3129, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6110, 0.3127, 0.3146 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(254, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 255)  
}
```

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(254, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 90.6110, 0.3127, 0.3146 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(254, 240, 255) }
```

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

```
.border{ border-color:rgb(254, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6110, 0.3127, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 255) }
```

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

```
.background{ background-color: rgb(254,  
240, 255) }
```

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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