

Converting Colors

Yxy(90.4811, 0.3148, 0.3164)

Have a look what the booklet for
Yxy(90.4811, 0.3148, 0.3164)
contains.

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Color

Yxy(90.6720, 0.3146, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0FD
RGB	255, 240, 253
RGB Percent	100%, 94%, 99%
CMY	0.0000, 0.0588, 0.0078
CMYK	0.00, 0.06, 0.01, 0.00
HSL	308°, 100%, 97%
HSV	308°, 6%, 100%
XYZ	90.1277, 90.6720, 105.6837
YIQ	245.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

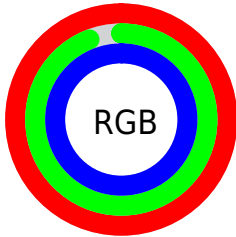
Format	Color
R _Y B	255, 240, 253
Decimal	16773373
CIE Lab	96.27, 7.28, -4.44
CIE LCh	96, 8.527, 328.587
Yxy	90.6720, 0.3146, 0.3165
Android (android.graphics.Color)	4294963453 (0xFFFFF0FD)
YUV	245.9670, 3.4673, 7.9219
Hunter-Lab	95.2218, 2.3124, 0.8512

Details

The Yxy color 90.6720, 0.3146, 0.3165 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.4521, 0.3109, 0.3418, and the grayscale version is 92.1015, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.2723, 0.3151, 0.3143 is the 20% darker color. If you saturate the color by 10%, you get 76.4886, 0.3182, 0.2946, and if you desaturate by 10%, it is 99.9985, 0.3127, 0.3290.

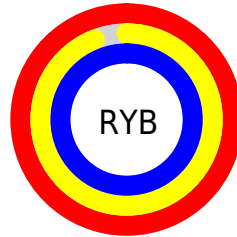
Distribution



Red (100%)

Green (94%)

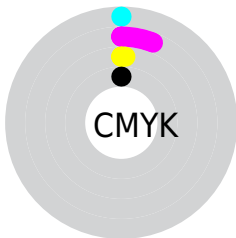
Blue (99%)



Red (100%)

Yellow (94%)

Blue (99%)

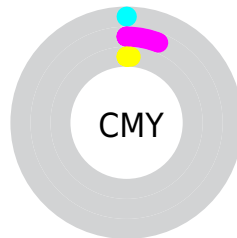


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6720, 0.3146, 0.3165 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 90.6720, 0.3146, 0.3165 by changing the saturation by 10% instead.


 90.6720, 0.3146,
0.3165

 90.6720, 0.3146,
0.3165


530.2144, 0.3138,
0.3220

 68.5381, 0.3148,
0.3153


148.2715, 0.3143,
0.3184

 50.3357, 0.3150,
0.3138


184.5059, 0.3142,
0.3191

 35.6802, 0.3152,
0.3121


226.2093, 0.3141,
0.3197

 24.1873, 0.3155,
0.3098

273.7660, 0.3140,
0.3203

 15.4726, 0.3160,
0.3068

327.5605, 0.3140,
0.3208

 9.1517, 0.3165,
0.3027

387.9771, 0.3139,

 4.8403, 0.3173,

0.3213

0.2968

455.4003, 0.3138,
0.3217

■ 2.1539, 0.3184,
0.2875

■ 0.6947, 0.3219,
0.2668

■ 90.6720, 0.3146,
0.3165

■ 90.6720, 0.3146,
0.3165

■ 76.4886, 0.3182,
0.2946

99.9985, 0.3127,
0.3290

■ 64.3271, 0.3222,
0.2723

■ 54.0978, 0.3266,
0.2503

■ 45.6998, 0.3314,
0.2296

■ 39.0228, 0.3365,
0.2110

■ 33.9449, 0.3417,
0.1956

■ 30.3280, 0.3469,
0.1842

■ 28.0107, 0.3518,
0.1773

■ 26.7927, 0.3564,
0.1749

Harmonies

Analogous

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



90.6720, 0.3051, 0.3130



90.6720, 0.3146, 0.3165



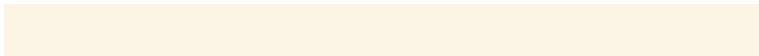
90.6720, 0.3237, 0.3232

Triad

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



90.6720, 0.3146, 0.3165



90.6720, 0.3278, 0.3445



90.6720, 0.2958, 0.3261

Complementary

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



90.6720, 0.3146, 0.3165



96.4521, 0.3109, 0.3418

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.



90.6720, 0.3017, 0.3349



90.6720, 0.3146, 0.3165



90.6720, 0.3202, 0.3456

Square

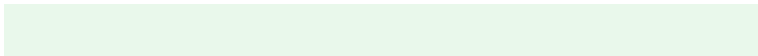
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



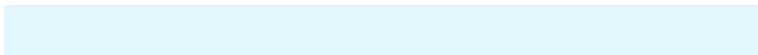
90.6720, 0.3146, 0.3165



90.6720, 0.3314, 0.3393



90.6720, 0.3106, 0.3420



90.6720, 0.2944, 0.3184

Rectangle

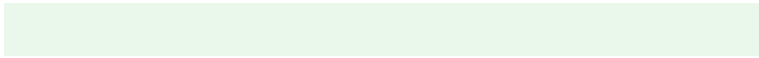
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.6720, 0.3146, 0.3165



90.6720, 0.3283, 0.3287



90.6720, 0.3106, 0.3420



90.6720, 0.2973, 0.3291

Sweetspot

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



90.6759, 0.3146, 0.3165



96.7456, 0.3133, 0.3248



88.3789, 0.3049, 0.3142



20.7416, 0.3133, 0.3250



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.



90.6759, 0.3146, 0.3165



88.9839, 0.3150, 0.3141



90.2223, 0.3191, 0.3235



18.8533, 0.3152, 0.3128



13.8585, 0.3576, 0.1743



1.3604, 0.3528, 0.1717

Inverse Universe

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



90.6759, 0.3146, 0.3165



88.9839, 0.3150, 0.3141



96.8967, 0.3068, 0.3346



18.8533, 0.3152, 0.3128



13.8585, 0.3576, 0.1743



1.3604, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 90.6720, 0.3146, 0.3165 looks on a white background.

Color Contrast Check

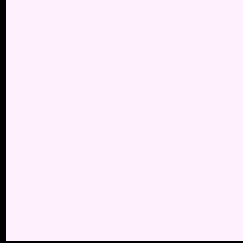
Large Text (above 18pt) WCAG AA × Fail

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 90.6720, 0.3146, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

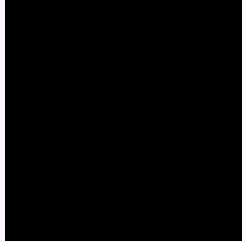
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.6720, 0.3146, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 90.6720, 0.3146, 0.3165.



This preview shows how white text looks on a background with the Yxy color 90.6720, 0.3146, 0.3165.

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

90.6720, 0.3146, 0.3165

Protanopia

90.9140, 0.3075, 0.3173

Deuteranopia

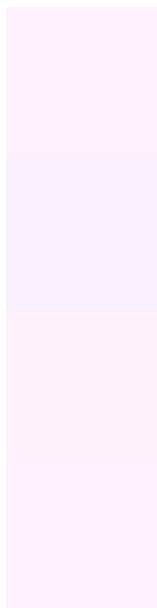
90.4197, 0.3171, 0.3203



Tritanopia

90.4228, 0.3121, 0.3145

Trichromacy



Original Color

90.6720, 0.3146, 0.3165

Protanomaly

90.7998, 0.3100, 0.3173

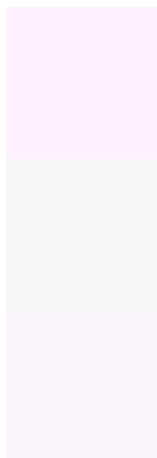
Deuteranomaly

90.4823, 0.3164, 0.3194

Tritanomaly

90.5468, 0.3133, 0.3155

Monochromacy



Original Color

90.6720, 0.3146, 0.3165

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 90.6720, 0.3146, 0.3165 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(255, 240, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 253)  
}
```

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(255, 240, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 253) }
```

Border

The CSS property to change the border of an element to Yxy 90.6720, 0.3146, 0.3165 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(255, 240, 253) }
```

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

```
.border{ border-color:rgb(255, 240, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
253) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 90.6720, 0.3146, 0.3165$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 253) }
```

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

```
.background{ background-color: rgb(255,  
240, 253) }
```

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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