

Converting Colors

$Yxy(90.9786, 0.3070, 0.3255)$

Have a look what the booklet for
Yxy(90.9786, 0.3070, 0.3255)
contains.

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Color

Yxy(91.2764, 0.3071, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F0F6F9
RGB	240, 246, 249
RGB Percent	94%, 96%, 98%
CMY	0.0589, 0.0352, 0.0234
CMYK	0.04, 0.01, 0.00, 0.02
HSL	200°, 43%, 96%
HSV	200°, 4%, 98%
XYZ	85.9846, 91.2764, 102.7279
YIQ	244.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

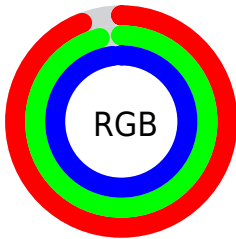
Format	Color
R _{YB}	240, 244, 249
Decimal	15791865
CIE _{Lab}	96.52, -1.44, -2.15
CIE _{LCh}	97, 2.589, 236.192
Y _{xy}	91.2764, 0.3071, 0.3260
Android (android.graphics.Color)	4293981945 (0xFFFF0F6F9)
Y _{UV}	244.5480, 2.1948, -3.9886
Hunter-Lab	95.5387, -6.5431, 3.1255

Details

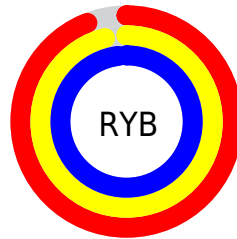
The Yxy color 91.2764, 0.3071, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5241, 0.3185, 0.3320, and the grayscale version is 90.9136, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.8675, 0.3056, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 82.2896, 0.2915, 0.3171, and if you desaturate by 10%, it is 99.1732, 0.3162, 0.3340.

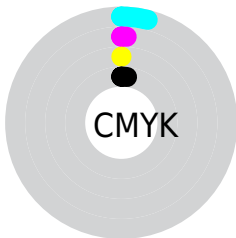
Distribution



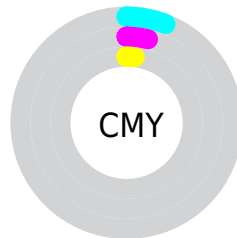
- Red (94%)
- Green (96%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2764, 0.3071, 0.3260 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 91.2764, 0.3071, 0.3260 by changing the saturation by 10% instead.

91.2764, 0.3071,
0.3260

91.2764, 0.3071,
0.3260

532.1742, 0.3096,
0.3273

69.0398, 0.3066,
0.3257

149.1101, 0.3079,
0.3265

50.7441, 0.3059,
0.3253

185.4760, 0.3083,
0.3266

36.0050, 0.3051,
0.3249

227.3204, 0.3086,
0.3268

24.4381, 0.3040,
0.3243

275.0277, 0.3088,
0.3269

15.6589, 0.3026,
0.3236

328.9824, 0.3091,
0.3271

9.2831, 0.3007,
0.3225

389.5687, 0.3093,

4.9263, 0.2979,

0.3272

0.3209

457.1712, 0.3094,
0.3273

■ 2.2041, 0.2934,
0.3184

■ 0.7222, 0.2819,
0.3126

■ 91.2764, 0.3071,
0.3260

■ 91.2764, 0.3071,
0.3260

■ 82.2896, 0.2915,
0.3171

■ 99.1732, 0.3162,
0.3340

■ 74.0946, 0.2760,
0.3074

■ 99.6211, 0.3162,
0.3347

■ 66.6665, 0.2607,
0.2967

■ 59.9745, 0.2461,
0.2853

■ 53.9852, 0.2326,
0.2732

■ 48.6622, 0.2206,
0.2606

■ 43.9645, 0.2103,
0.2478

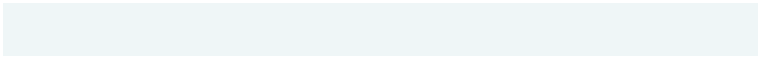
■ 39.8456, 0.2020,
0.2349

■ 36.2489, 0.1959,
0.2222

Harmonies

Analogous

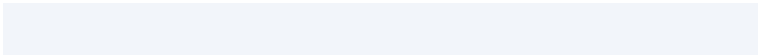
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2764, 0.3077, 0.3284



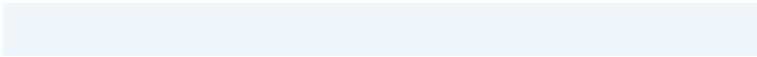
91.2764, 0.3071, 0.3260



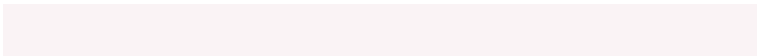
91.2764, 0.3080, 0.3244

Triad

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



91.2764, 0.3071, 0.3260



91.2764, 0.3159, 0.3271



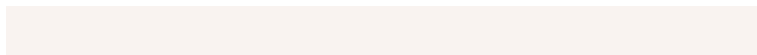
91.2764, 0.3152, 0.3340

Complementary

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



91.2764, 0.3071, 0.3260



90.5241, 0.3185, 0.3320

Split Complementary

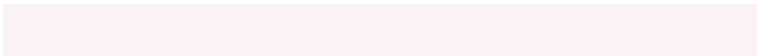
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2764, 0.3174, 0.3336



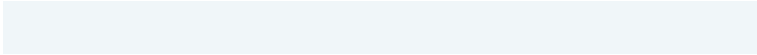
91.2764, 0.3071, 0.3260



91.2764, 0.3178, 0.3296

Square

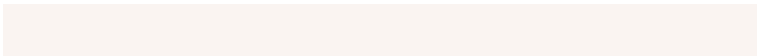
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



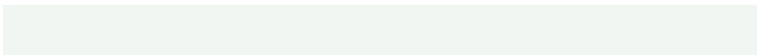
91.2764, 0.3071, 0.3260



91.2764, 0.3131, 0.3251



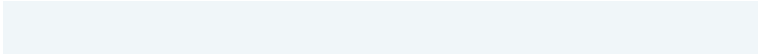
91.2764, 0.3184, 0.3320



91.2764, 0.3124, 0.3330

Rectangle

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



91.2764, 0.3071, 0.3260



91.2764, 0.3094, 0.3240



91.2764, 0.3184, 0.3320



91.2764, 0.3161, 0.3340

Sweetspot

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



91.2803, 0.3071, 0.3260



98.9795, 0.3112, 0.3282



92.7480, 0.3106, 0.3351



21.1965, 0.3112, 0.3282



0.0000, 0.0000, 0.0000



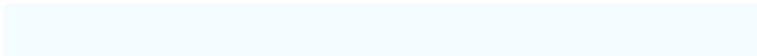
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2803, 0.3071, 0.3260



95.9707, 0.3065, 0.3257



88.6450, 0.3072, 0.3216



19.5144, 0.3054, 0.3251



18.5644, 0.1934, 0.2162



1.9140, 0.1976, 0.2313

Inverse Universe

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



89.1011, 0.3150, 0.3231



93.4472, 0.3152, 0.3225



93.1788, 0.3182, 0.3363



18.9060, 0.3157, 0.3212



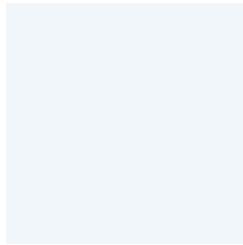
12.2850, 0.4273, 0.2128



1.1575, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 91.2764, 0.3071, 0.3260 looks on a white background.

Color Contrast Check

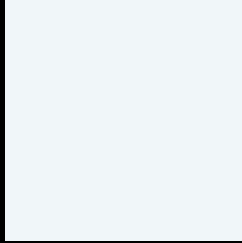
Large Text (above 18pt) WCAG AA × Fail

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 91.2764, 0.3071, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

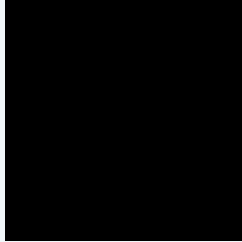
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

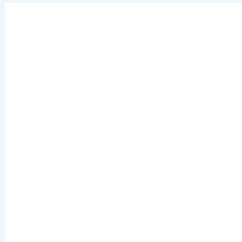
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2764, 0.3071, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 91.2764, 0.3071, 0.3260.

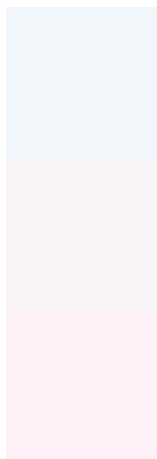


This preview shows how white text looks on a background with the Yxy color 91.2764, 0.3071, 0.3260.

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

91.2764, 0.3071, 0.3260

Protanopia

91.4351, 0.3129, 0.3251

Deuteranopia

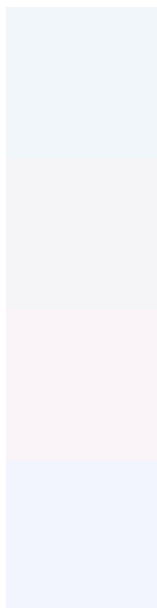
90.9479, 0.3176, 0.3223



Tritanopia

90.9761, 0.3056, 0.3182

Trichromacy



Original Color

91.2764, 0.3071, 0.3260

Protanomaly

91.4946, 0.3109, 0.3261

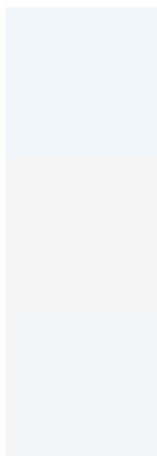
Deuteranomaly

91.2025, 0.3142, 0.3241

Tritanomaly

91.2739, 0.3061, 0.3211

Monochromacy



Original Color

91.2764, 0.3071, 0.3260

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.0133, 0.3108, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2764, 0.3071, 0.3260 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(240, 246, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 249)  
}
```

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(240, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 249) }
```

Border

The CSS property to change the border of an element to Yxy 91.2764, 0.3071, 0.3260 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(240, 246, 249) }
```

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

```
.border{ border-color:rgb(240, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2764, 0.3071, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 249) }
```

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

```
.background{ background-color: rgb(240,  
246, 249) }
```

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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