

Converting Colors

$Y_{xy}(100.0000, 0.2740, 0.2723)$

Have a look what the booklet for
Yxy(100.0000, 0.2740, 0.2723)
contains.

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Color

Yxy(95.8955, 0.3054, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	F3FCFF
RGB	243, 252, 255
RGB Percent	95%, 99%, 100%
CMY	0.0472, 0.0117, 0.0001
CMYK	0.05, 0.01, 0.00, 0.00
HSL	195°, 100%, 98%
HSV	195°, 5%, 100%
XYZ	89.8083, 95.8955, 108.3640
YIQ	249.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

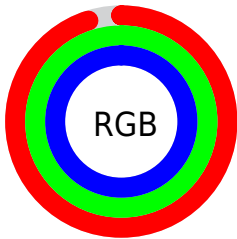
Format	Color
R _Y B	243, 248, 255
Decimal	15990015
CIE Lab	98.39, -2.42, -2.46
CIE LCh	98, 3.451, 225.384
Yxy	95.8955, 0.3054, 0.3261
Android (android.graphics.Color)	4294180095 (0xFF F3FCFF)
YUV	249.6510, 2.6371, -5.8329
Hunter-Lab	97.9262, -7.6683, 2.9388

Details

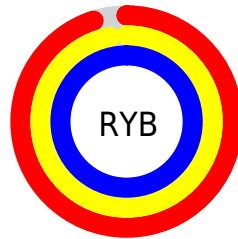
The Yxy color 95.8955, 0.3054, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5845, 0.3204, 0.3319, and the grayscale version is 95.2737, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6722, 0.3042, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 87.7987, 0.2899, 0.3195, and if you desaturate by 10%, it is 99.9986, 0.3127, 0.3290.

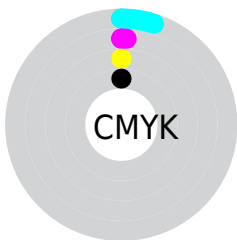
Distribution



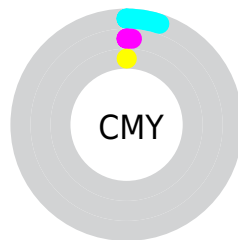
- Red (95%)
- Green (99%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8955, 0.3054, 0.3261 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 95.8955, 0.3054, 0.3261 by changing the saturation by 10% instead.


 95.8955, 0.3054,
0.3261

 95.8955, 0.3054,
0.3261


547.0279, 0.3086,
0.3274

 72.8805, 0.3047,
0.3258

155.5012, 0.3065,
0.3265

 53.8783, 0.3039,
0.3255


192.8607, 0.3069,
0.3267

 38.5044, 0.3028,
0.3250

235.7705, 0.3073,
0.3269

 26.3744, 0.3015,
0.3245

284.6150, 0.3076,
0.3270

 17.1039, 0.2998,
0.3238

339.7786, 0.3079,
0.3271

 10.3086, 0.2974,
0.3228

401.6457, 0.3082,

 5.6041, 0.2940,

0.3272

0.3213

470.6006, 0.3084,
0.3273

■ 2.6058, 0.2886,
0.3190

■ 0.9296, 0.2789,
0.3148

■ 95.8955, 0.3054,
0.3261

■ 95.8955, 0.3054,
0.3261

■ 87.7987, 0.2899,
0.3195

99.9986, 0.3127,
0.3290

■ 80.4308, 0.2748,
0.3122

■ 73.7670, 0.2602,
0.3044

■ 67.7764, 0.2467,
0.2960

■ 62.4251, 0.2344,
0.2872

■ 57.6762, 0.2238,
0.2782

■ 53.4879, 0.2150,
0.2689

■ 49.8119, 0.2083,
0.2596

■ 46.5889, 0.2035,
0.2504

Harmonies

Analogous

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



95.8955, 0.3068, 0.3294



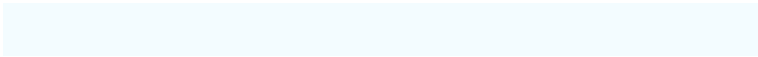
95.8955, 0.3054, 0.3261



95.8955, 0.3059, 0.3236

Triad

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



95.8955, 0.3054, 0.3261



95.8955, 0.3156, 0.3254



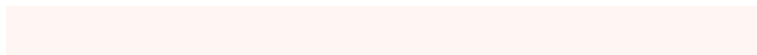
95.8955, 0.3172, 0.3356

Complementary

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



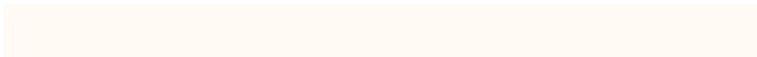
95.8955, 0.3054, 0.3261



93.5845, 0.3204, 0.3319

Split Complementary

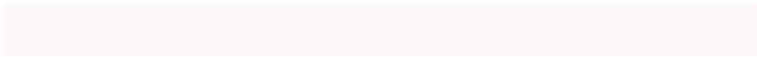
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8955, 0.3196, 0.3345



95.8955, 0.3054, 0.3261



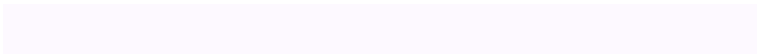
95.8955, 0.3187, 0.3286

Square

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



95.8955, 0.3054, 0.3261



95.8955, 0.3118, 0.3232



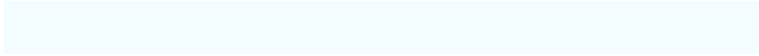
95.8955, 0.3201, 0.3319



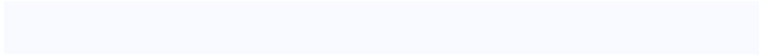
95.8955, 0.3136, 0.3350

Rectangle

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



95.8955, 0.3054, 0.3261



95.8955, 0.3073, 0.3227



95.8955, 0.3201, 0.3319



95.8955, 0.3182, 0.3354

Sweetspot

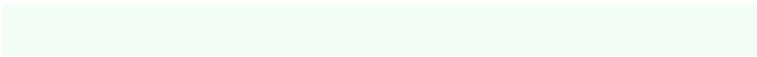
The Sweet Spot groups the original color and five complimentary colors.



95.8996, 0.3054, 0.3261



99.1199, 0.3112, 0.3284



97.1925, 0.3106, 0.3380



21.2250, 0.3112, 0.3284



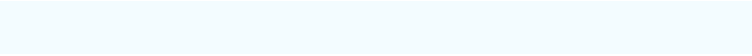
0.0000, 0.0000, 0.0000



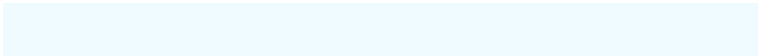
21.4041, 0.3127, 0.3290

Same Dimension

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



95.8996, 0.3054, 0.3261



94.8344, 0.3034, 0.3253



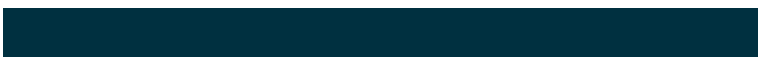
92.2768, 0.3055, 0.3204



20.1817, 0.3024, 0.3249



23.7781, 0.2020, 0.2471



2.4865, 0.2049, 0.2576

Inverse Universe

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



92.3616, 0.3150, 0.3203



90.3836, 0.3157, 0.3179



97.2025, 0.3199, 0.3375



19.1317, 0.3160, 0.3167



13.1284, 0.3951, 0.1950



1.2956, 0.3848, 0.1893

Previews

White Background



This preview shows how the Yxy color 95.8955, 0.3054, 0.3261 looks on a white background.

Color Contrast Check

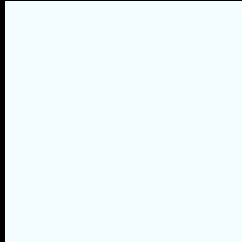
Large Text (above 18pt) WCAG AA × Fail

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 95.8955, 0.3054, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

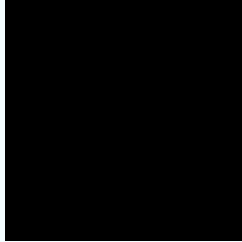
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8955, 0.3054, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 95.8955, 0.3054, 0.3261.



This preview shows how white text looks on a background with the Yxy color 95.8955, 0.3054, 0.3261.

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

95.8955, 0.3054, 0.3261

Protanopia

95.9140, 0.3135, 0.3252

Deuteranopia

96.0396, 0.3148, 0.3261

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy

Original Color

95.8955, 0.3054, 0.3261

Protanomaly

95.8510, 0.3104, 0.3251

Deuteranomaly

95.9723, 0.3116, 0.3261

Tritanomaly

95.9885, 0.3079, 0.3251

Monochromacy

Original Color

95.8955, 0.3054, 0.3261

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7968, 0.3096, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8955, 0.3054, 0.3261 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, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 252, 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(243, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 95.8955, 0.3054, 0.3261 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, 252, 255) }
```

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

```
.border{ border-color:rgb(243, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8955, 0.3054, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 252, 255) }
```

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

```
.background{ background-color: rgb(243,  
252, 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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