Converting Colors

Yxy(90.5460, 0.3053, 0.3187)

Have a look what the booklet for Yxy(90.5460, 0.3053, 0.3187) contains.

Color

Yxy(90.7344, 0.3055, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F2F4FE
RGB	242, 244, 254
RGB Percent	95%, 96%, 100%
CMY	0.0512, 0.0430, 0.0040
CMYK	0.05, 0.04, 0.00, 0.00
HSL	230°, 85%, 97%
HSV	230°, 5%, 100%
XYZ	86.8401, 90.7344, 106.6811
YIQ	244.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

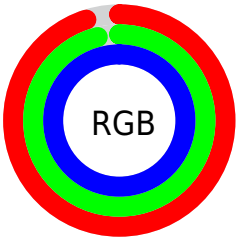
Format	Color
RYB	242, 244, 254
Decimal	15922430
CIELab	96.30, 1.12, -5.02
CIELCh	96, 5.144, 282.570
Yxy	90.7344, 0.3055, 0.3192
Android (android.graphics.Color)	4294112510 (0xFFF2F4FE)
YUV	244.5420, 4.6628, -2.2293
Hunter-Lab	95.2546, -3.9637, 0.2759

Details

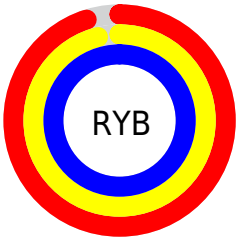
The Yxy color 90.7344, 0.3055, 0.3192 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 97.0287, 0.3199, 0.3386, and the grayscale version is 90.8837, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.4368, 0.3043, 0.3177 is the 20% darker color. If you saturate the color by 10%, you get 74.6230, 0.2891, 0.2965, and if you desaturate by 10%, it is 99.9342, 0.3133, 0.3300.

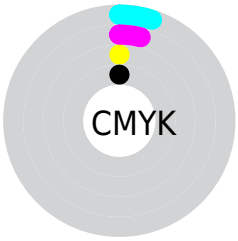
Distribution



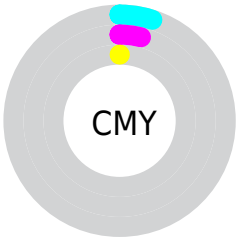
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.7344, 0.3055, 0.3192 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 90.7344, 0.3055, 0.3192 by changing the saturation by 10% instead.

90.7344, 0.3055, 0.3192

90.7344, 0.3055, 0.3192

530.4169, 0.3087, 0.3236

68.5899, 0.3048, 0.3182

148.3581, 0.3066, 0.3207

50.3778, 0.3039, 0.3171

184.6061, 0.3070, 0.3213

35.7137, 0.3029, 0.3157

226.3240, 0.3074, 0.3218

24.2131, 0.3015, 0.3138

273.8963, 0.3077, 0.3222

15.4918, 0.2997, 0.3114

327.7074, 0.3080, 0.3226

9.1653, 0.2972, 0.3081

388.1416, 0.3083,

4.8491, 0.2936,

0.3230

455.5833, 0.3085, 0.3233

0.3032

2.1590, 0.2877, 0.2955

0.6975, 0.2755, 0.2784

90.7344, 0.3055, 0.3192

90.7344, 0.3055, 0.3192

74.6230, 0.2891, 0.2965

99.9342, 0.3133, 0.3300

60.4986, 0.2711, 0.2710

48.2868, 0.2519, 0.2429

37.9045, 0.2320, 0.2128

29.2620, 0.2123, 0.1817

22.2622, 0.1937, 0.1511

16.7977, 0.1775, 0.1228

12.7483, 0.1649, 0.0987

9.9735, 0.1566, 0.0804

Harmonies

Analogous

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

90.7344, 0.3022, 0.3210

90.7344, 0.3055, 0.3192

90.7344, 0.3107, 0.3200

Triad

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

90.7344, 0.3055, 0.3192

90.7344, 0.3239, 0.3329

90.7344, 0.3088, 0.3350

Complementary

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

90.7344, 0.3055, 0.3192

97.0287, 0.3199, 0.3386

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.

90.7344, 0.3146, 0.3383

90.7344, 0.3055, 0.3192

90.7344, 0.3233, 0.3370

Square

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

90.7344, 0.3055, 0.3192

90.7344, 0.3214, 0.3278

90.7344, 0.3199, 0.3390

90.7344, 0.3041, 0.3301

Rectangle

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

90.7344, 0.3055, 0.3192

90.7344, 0.3147, 0.3219

90.7344, 0.3199, 0.3390

90.7344, 0.3107, 0.3363

Sweetspot

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

90.7383, 0.3055, 0.3192

98.1814, 0.3112, 0.3270

96.7497, 0.3066, 0.3311

21.0340, 0.3113, 0.3271

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.

90.7383, 0.3055, 0.3192

89.4035, 0.3035, 0.3165

90.1737, 0.3080, 0.3172

18.8988, 0.3025, 0.3151

4.8648, 0.1542, 0.0752

0.6073, 0.1592, 0.0931

Inverse Universe

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

91.0706, 0.3193, 0.3270

89.8353, 0.3212, 0.3265

97.6307, 0.3173, 0.3407

19.0022, 0.3222, 0.3262

11.2191, 0.6147, 0.3160

1.1058, 0.5863, 0.3004

Previews

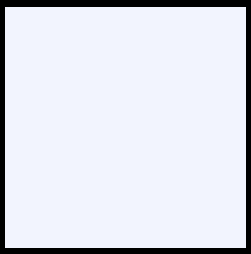
White Background

This preview shows how the Yxy color 90.7344, 0.3055, 0.3192 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



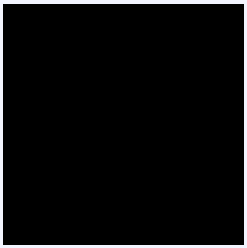
This preview shows how the Yxy color 90.7344, 0.3055, 0.3192 looks on a black background.

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 90.7344, 0.3055, 0.3192 Background



This preview shows how black text looks on a background with the Yxy color 90.7344, 0.3055, 0.3192.

This preview shows how white text looks on a background with the Yxy color 90.7344, 0.3055, 0.3192.

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
90.7344, 0.3055, 0.3192

Protanopia
90.7859, 0.3087, 0.3192

Deuteranopia
90.5452, 0.3158, 0.3184

Tritanopia
90.5543, 0.3062, 0.3172

Trichromacy

Original Color
90.7344, 0.3055, 0.3192

Protanomaly
90.6055, 0.3080, 0.3192

Deuteranomaly
90.2629, 0.3119, 0.3183

Tritanomaly
90.3759, 0.3056, 0.3172

Monochromacy

Original Color
90.7344, 0.3055, 0.3192

Achromatopsia
91.3099, 0.3127, 0.3290

Achromatomaly
91.3152, 0.3103, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.7344, 0.3055, 0.3192 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(242, 244, 254) looks like.

```
.text, #text, p{
    color:rgb(242, 244, 254)
}
```

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(242, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 254) }
```

Border

The CSS property to change the border of an element to Yxy 90.7344, 0.3055, 0.3192 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(242, 244, 254) }
```

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

```
.border{ border-color:rgb(242, 244, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 244, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 244, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 244, 254); box-shadow:4px 4px 4px 4px rgb(242, 244, 254) }
```

Background

The CSS property to change the background color of an element to Yxy 90.7344, 0.3055, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 244, 254) }
```

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

```
.background{ background-color:rgb(242,
244, 254) }
```

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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