Converting Colors

Yxy(95.0706, 0.3046, 0.3293)

Have a look what the booklet for Yxy(95.0706, 0.3046, 0.3293) contains.

Color

Yxy(94.9998, 0.3047, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCFC
RGB	239, 252, 252
RGB Percent	94%, 99%, 99%
CMY	0.0626, 0.0118, 0.0119
CMYK	0.05, 0.00, 0.00, 0.01
HSL	180°, 68%, 96%
HSV	180°, 5%, 99%
XYZ	87.9831, 94.9998, 105.7703
YIQ	248.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

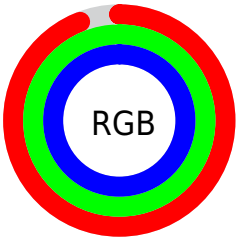
Format	Color
RYB	239, 246, 252
Decimal	15727868
CIELab	98.03, -4.23, -1.47
CIELCh	98, 4.477, 199.118
Yxy	94.9998, 0.3047, 0.3290
Android (android.graphics.Color)	4293917948 (0xFFEFFCFC)
YUV	248.1130, 1.9163, -7.9921
Hunter-Lab	97.4678, -9.4388, 3.8871

Details

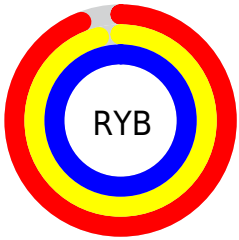
The Yxy color 94.9998, 0.3047, 0.3290 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 88.6866, 0.3213, 0.3290, and the grayscale version is 93.9611, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0376, 0.3033, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 90.9150, 0.2897, 0.3290, and if you desaturate by 10%, it is 97.9097, 0.3146, 0.3290.

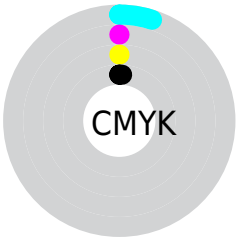
Distribution



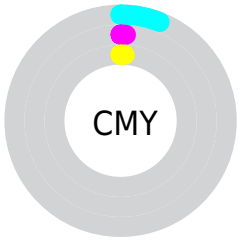
- Red (94%)
- Green (99%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



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



- Cyan (6%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.9998, 0.3047, 0.3290 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 94.9998, 0.3047, 0.3290 by changing the saturation by 10% instead.

94.9998, 0.3047, 0.3290

544.1643, 0.3082, 0.3290

154.2643, 0.3059, 0.3290

191.4327, 0.3064, 0.3290

234.1375, 0.3068, 0.3290

282.7634, 0.3071, 0.3290

337.6946, 0.3075, 0.3290

399.3156, 0.3077,

94.9998, 0.3047, 0.3290

72.1348, 0.3039, 0.3290

53.2688, 0.3030, 0.3290

38.0174, 0.3018, 0.3290

25.9962, 0.3004, 0.3290

16.8208, 0.2985, 0.3289

10.1068, 0.2959, 0.3289

5.4698, 0.2921,

0.3290

0.3288

468.0107, 0.3080, 0.3290

2.5255, 0.2861, 0.3286

0.8894, 0.2742, 0.3286

94.9998, 0.3047, 0.3290

94.9998, 0.3047, 0.3290

90.9150, 0.2897, 0.3290

97.9097, 0.3146, 0.3290

87.4125, 0.2757, 0.3290

97.9130, 0.3146, 0.3289

84.4695, 0.2631, 0.3291

97.9162, 0.3145, 0.3289

82.0570, 0.2521, 0.3291

97.9195, 0.3145, 0.3288

80.1433, 0.2429, 0.3291

97.9228, 0.3145, 0.3288

78.6936, 0.2357, 0.3292

97.9261, 0.3144, 0.3287

77.6684, 0.2304, 0.3292

97.9294, 0.3144, 0.3287

77.0217, 0.2270, 0.3293

97.9327, 0.3144, 0.3286

76.6968, 0.2253, 0.3293

97.9360, 0.3143, 0.3286

Harmonies

Analogous

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

94.9998, 0.3084, 0.3333

94.9998, 0.3047, 0.3290

94.9998, 0.3031, 0.3247

Triad

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

94.9998, 0.3047, 0.3290

94.9998, 0.3121, 0.3217

94.9998, 0.3214, 0.3364

Complementary

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

94.9998, 0.3047, 0.3290

88.6866, 0.3213, 0.3290

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.

94.9998, 0.3224, 0.3332

94.9998, 0.3047, 0.3290

94.9998, 0.3170, 0.3248

Square

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

94.9998, 0.3047, 0.3290

94.9998, 0.3074, 0.3206

94.9998, 0.3208, 0.3290

94.9998, 0.3180, 0.3376

Rectangle

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

94.9998, 0.3047, 0.3290

94.9998, 0.3035, 0.3225

94.9998, 0.3208, 0.3290

94.9998, 0.3220, 0.3355

Sweetspot

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

95.0038, 0.3047, 0.3290

99.0448, 0.3096, 0.3290

94.2492, 0.3122, 0.3419

21.2097, 0.3097, 0.3290

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.

95.0038, 0.3047, 0.3290

97.2108, 0.3034, 0.3290

91.1358, 0.3048, 0.3228

19.8605, 0.3024, 0.3290

39.9106, 0.2248, 0.3294

3.6966, 0.2248, 0.3293

Inverse Universe

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

88.6866, 0.3213, 0.3290

89.6790, 0.3228, 0.3290

92.4175, 0.3208, 0.3351

18.1601, 0.3240, 0.3290

10.7813, 0.6399, 0.3299

0.9987, 0.6393, 0.3296

Previews

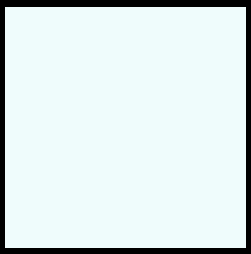
White Background

This preview shows how the Yxy color 94.9998, 0.3047, 0.3290 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



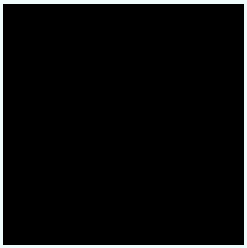
This preview shows how the Yxy color 94.9998, 0.3047, 0.3290 looks on a black background.

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 94.9998, 0.3047, 0.3290 Background



This preview shows how black text looks on a background with the Yxy color 94.9998, 0.3047, 0.3290.

This preview shows how white text looks on a background with the Yxy color 94.9998, 0.3047, 0.3290.

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
94.9998, 0.3047, 0.3290

Protanopia
94.9196, 0.3147, 0.3271

Deuteranopia
94.6837, 0.3160, 0.3261

Tritanopia
94.7455, 0.3080, 0.3232

Trichromacy

Original Color
94.9998, 0.3047, 0.3290

Protanomaly
94.6729, 0.3109, 0.3271

Deuteranomaly
94.8561, 0.3115, 0.3271

Tritanomaly
94.7601, 0.3066, 0.3251

Monochromacy

Original Color
94.9998, 0.3047, 0.3290

Achromatopsia
93.8686, 0.3127, 0.3290

Achromatomaly
94.0034, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9998, 0.3047, 0.3290 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(239, 252, 252) looks like.

```
.text, #text, p{
    color:rgb(239, 252, 252)
}
```

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(239, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 252) }
```

Border

The CSS property to change the border of an element to Yxy 94.9998, 0.3047, 0.3290 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(239, 252, 252) }
```

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

```
.border{ border-color:rgb(239, 252, 252) }
```

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

Here you see how a box with a 4 pixel rgb(239, 252, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 252, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 252, 252); box-shadow:4px 4px 4px 4px rgb(239, 252, 252) }
```

Background

The CSS property to change the background color of an element to Yxy 94.9998, 0.3047, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(239, 252, 252) }
```

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

```
.background{ background-color:rgb(239,
252, 252) }
```

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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