

Converting Colors

Yxy(67.3941, 0.3297, 0.3143)

Have a look what the booklet for
Yxy(67.3941, 0.3297, 0.3143)
contains.

Yxy(67.3024, 0.3295, 0.3143)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.3024, 0.3295, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	F0CDDB
RGB	240, 205, 219
RGB Percent	94%, 80%, 86%
CMY	0.0587, 0.1961, 0.1413
CMYK	0.00, 0.15, 0.09, 0.06
HSL	336°, 54%, 87%
HSV	336°, 15%, 94%
XYZ	70.5572, 67.3024, 76.2746
YIQ	217.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

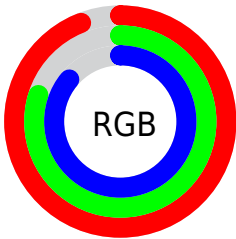
Format	Color
R_{YB}	240, 205, 219
Decimal	15781339
CIE _{Lab}	85.66, 14.55, -2.35
CIE _{LCh}	86, 14.743, 350.809
Yxy	67.3024, 0.3295, 0.3143
Android (android.graphics.Color)	4293971419 (0xFFFF0CDDDB)
YUV	217.0610, 0.9559, 20.1175
Hunter-Lab	82.0380, 9.9533, 2.3019

Details

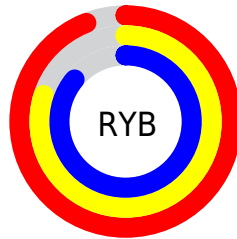
The Yxy color **67.3024, 0.3295, 0.3143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8093, 0.2985, 0.3442**, and the grayscale version is **69.4197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0039, 0.3338, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **55.9625, 0.3441, 0.3036**, and if you desaturate by 10%, it is **80.4756, 0.3175, 0.3245**.

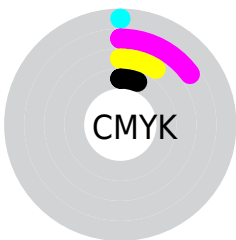
Distribution



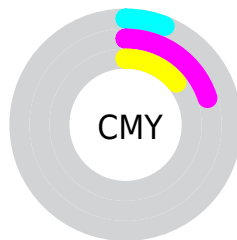
- Red (94%)
- Green (80%)
- Blue (86%)



- Red (94%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3024, 0.3295, 0.3143 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 67.3024, 0.3295, 0.3143 by changing the saturation by 10% instead.


 67.3024, 0.3295,
0.3143

 67.3024, 0.3295,
0.3143


451.0204, 0.3217,
0.3211

 49.3304, 0.3313,
0.3127


115.3536, 0.3268,
0.3167

 34.8817, 0.3336,
0.3108


146.2016, 0.3257,
0.3176

 23.5717, 0.3364,
0.3083


182.1105, 0.3248,
0.3184

 15.0162, 0.3402,
0.3051

223.4645, 0.3240,
0.3191

 8.8308, 0.3455,
0.3006

270.6481, 0.3233,
0.3197

 4.6310, 0.3532,
0.2941

324.0457, 0.3227,

 2.0324, 0.3655,

0.3202

0.2838

384.0417, 0.3221,
0.3207

0.6262, 0.3934,
0.2579

0.0000, 0.0000,
0.0000

67.3024, 0.3295,
0.3143

67.3024, 0.3295,
0.3143

55.9625, 0.3441,
0.3036

80.4756, 0.3175,
0.3245

46.3652, 0.3618,
0.2927

95.5496, 0.3076,
0.3341

38.4256, 0.3829,
0.2822

97.2702, 0.3036,
0.3290

32.0481, 0.4076,
0.2729

■ 27.1271, 0.4357,
0.2659

■ 23.5438, 0.4662,
0.2625

■ 21.1605, 0.4974,
0.2640

■ 19.8088, 0.5272,
0.2708

■ 19.3711, 0.5422,
0.2761

Harmonies

Analogous

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



67.3024, 0.3113, 0.3032



67.3024, 0.3295, 0.3143



67.3024, 0.3434, 0.3293

Triad

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



67.3024, 0.3295, 0.3143



67.3024, 0.3312, 0.3612



67.3024, 0.2779, 0.3118

Complementary

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



67.3024, 0.3295, 0.3143



80.8093, 0.2985, 0.3442

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.



67.3024, 0.2829, 0.3276



67.3024, 0.3295, 0.3143



67.3024, 0.3133, 0.3569

Square

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



67.3024, 0.3295, 0.3143



67.3024, 0.3443, 0.3565



67.3024, 0.2957, 0.3443



67.3024, 0.2818, 0.3013

Rectangle

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



67.3024, 0.3295, 0.3143



67.3024, 0.3482, 0.3397



67.3024, 0.2957, 0.3443



67.3024, 0.2785, 0.3166

Sweetspot

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



67.3054, 0.3295, 0.3143



93.2754, 0.3169, 0.3251



66.1261, 0.3041, 0.2918



19.7025, 0.3177, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

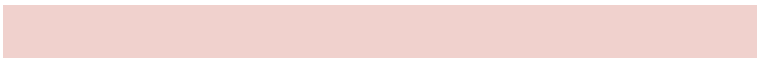
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3054, 0.3295, 0.3143



72.4793, 0.3342, 0.3106



68.2944, 0.3394, 0.3328



15.8634, 0.3231, 0.3196



10.6258, 0.5381, 0.2738



0.9031, 0.5032, 0.2546

Inverse Universe

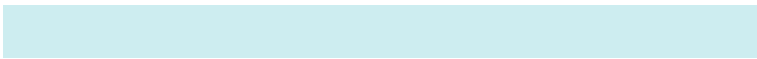
The Inverse Universe completely reimagines the original color for something new.



67.3054, 0.3295, 0.3143



72.4793, 0.3342, 0.3106



79.5657, 0.2904, 0.3252



15.8634, 0.3231, 0.3196



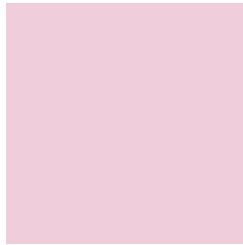
10.6258, 0.5381, 0.2738



0.9031, 0.5032, 0.2546

Previews

White Background



This preview shows how the Yxy color 67.3024, 0.3295, 0.3143 looks on a white background.

Color Contrast Check

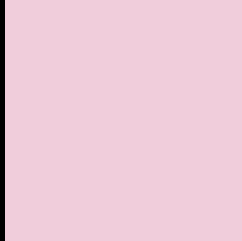
Large Text (above 18pt) WCAG AA × Fail

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 67.3024, 0.3295, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

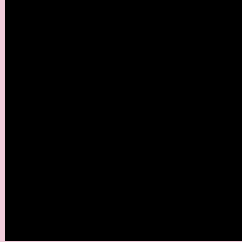
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3024, 0.3295, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 67.3024, 0.3295, 0.3143.



This preview shows how white text looks on a background with the Yxy color 67.3024, 0.3295, 0.3143.

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

67.3024, 0.3295, 0.3143

Protanopia

67.4174, 0.3068, 0.3168

Deuteranopia

67.4973, 0.3245, 0.3183



Tritanopia

67.4084, 0.3280, 0.3122

Trichromacy



Original Color

67.3024, 0.3295, 0.3143

Protanomaly

67.2144, 0.3148, 0.3160

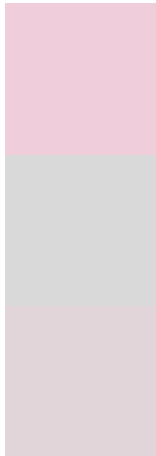
Deuteranomaly

67.5205, 0.3269, 0.3173

Tritanomaly

67.3552, 0.3287, 0.3132

Monochromacy



Original Color

67.3024, 0.3295, 0.3143

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6580, 0.3181, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3024, 0.3295, 0.3143 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, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 205, 219)  
}
```

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, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 219) }
```

Border

The CSS property to change the border of an element to Yxy 67.3024, 0.3295, 0.3143 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, 205, 219) }
```

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

```
.border{ border-color:rgb(240, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3024, 0.3295, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 219) }
```

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

```
.background{ background-color: rgb(240,  
205, 219) }
```

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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