

Converting Colors

Yxy(68.7649, 0.3265, 0.3131)

Have a look what the booklet for
Yxy(68.7649, 0.3265, 0.3131)
contains.

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Color

Yxy(68.9647, 0.3262, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	F0D0DF
RGB	240, 208, 223
RGB Percent	94%, 82%, 87%
CMY	0.0589, 0.1843, 0.1254
CMYK	0.00, 0.13, 0.07, 0.06
HSL	332°, 52%, 88%
HSV	332°, 13%, 94%
XYZ	71.8043, 68.9647, 79.3545
YIQ	219.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

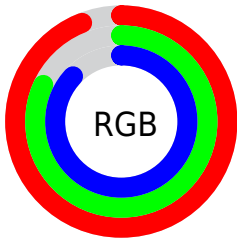
Format	Color
R _Y B	240, 208, 223
Decimal	15782111
CIE Lab	86.49, 13.63, -3.28
CIE LCh	86, 14.017, 346.455
Yxy	68.9647, 0.3262, 0.3133
Android (android.graphics.Color)	4293972191 (0xFFFF0D0DF)
YUV	219.2780, 1.8349, 18.1732
Hunter-Lab	83.0450, 9.0101, 1.4763

Details

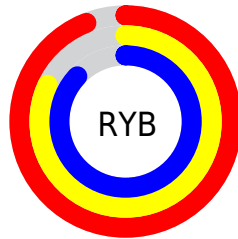
The Yxy color **68.9647, 0.3262, 0.3133** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1474, 0.3010, 0.3453**, and the grayscale version is **71.0215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1287, 0.3295, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **57.4762, 0.3388, 0.3008**, and if you desaturate by 10%, it is **82.2811, 0.3158, 0.3252**.

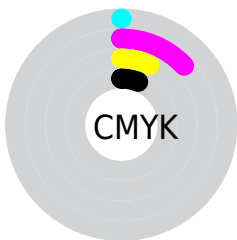
Distribution



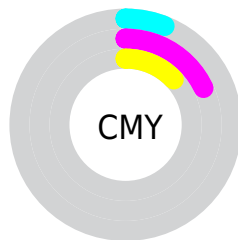
- Red (94%)
- Green (82%)
- Blue (87%)



- Red (94%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9647, 0.3262, 0.3133 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 68.9647, 0.3262, 0.3133 by changing the saturation by 10% instead.

 68.9647, 0.3262,
0.3133

 68.9647, 0.3262,
0.3133


456.9065, 0.3199,
0.3206

 50.6830, 0.3276,
0.3116


117.7312, 0.3240,
0.3158

 35.9564, 0.3294,
0.3096


148.9847, 0.3232,
0.3168

 24.4005, 0.3317,
0.3070


185.3309, 0.3225,
0.3176

 15.6310, 0.3346,
0.3036

227.1542, 0.3218,
0.3184

 9.2634, 0.3387,
0.2990

274.8390, 0.3213,
0.3190

 4.9134, 0.3446,
0.2923

328.7698, 0.3208,

 2.1965, 0.3540,

0.3196

0.2819

389.3308, 0.3203,
0.3201

0.7181, 0.3726,
0.2604

0.0000, 0.0000,
0.0000

68.9647, 0.3262,
0.3133

68.9647, 0.3262,
0.3133

57.4762, 0.3388,
0.3008

82.2811, 0.3158,
0.3252

47.7262, 0.3540,
0.2881

96.8464, 0.3072,
0.3354

39.6312, 0.3720,
0.2757

97.2596, 0.3035,
0.3290

33.0974, 0.3929,
0.2644

■ 28.0212, 0.4166,
0.2554

■ 24.2866, 0.4425,
0.2499

■ 21.7594, 0.4694,
0.2492

■ 20.2773, 0.4957,
0.2540

■ 19.7054, 0.5125,
0.2597

Harmonies

Analogous

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



68.9647, 0.3088, 0.3035



68.9647, 0.3262, 0.3133



68.9647, 0.3402, 0.3271

Triad

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



68.9647, 0.3262, 0.3133



68.9647, 0.3323, 0.3592



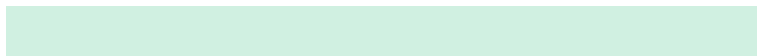
68.9647, 0.2800, 0.3147

Complementary

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



68.9647, 0.3262, 0.3133



81.1474, 0.3010, 0.3453

Split Complementary

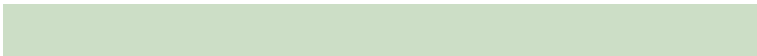
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9647, 0.2859, 0.3300



68.9647, 0.3262, 0.3133



68.9647, 0.3159, 0.3563

Square

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



68.9647, 0.3262, 0.3133



68.9647, 0.3437, 0.3536



68.9647, 0.2989, 0.3455



68.9647, 0.2825, 0.3039

Rectangle

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



68.9647, 0.3262, 0.3133



68.9647, 0.3455, 0.3370



68.9647, 0.2989, 0.3455



68.9647, 0.2810, 0.3195

Sweetspot

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



68.9677, 0.3262, 0.3133



93.3204, 0.3164, 0.3244



67.3396, 0.3031, 0.2950



19.7139, 0.3171, 0.3235



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.



68.9677, 0.3262, 0.3133



75.3584, 0.3294, 0.3099



68.4537, 0.3371, 0.3296



15.8824, 0.3219, 0.3180



10.8167, 0.5087, 0.2576



0.9198, 0.4775, 0.2404

Inverse Universe

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



68.9677, 0.3262, 0.3133



75.3584, 0.3294, 0.3099



81.6897, 0.2924, 0.3284



15.8824, 0.3219, 0.3180



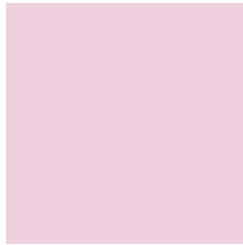
10.8167, 0.5087, 0.2576



0.9198, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 68.9647, 0.3262, 0.3133 looks on a white background.

Color Contrast Check

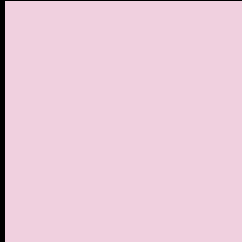
Large Text (above 18pt) WCAG AA × Fail

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 68.9647, 0.3262, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

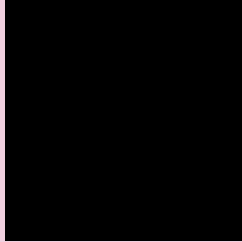
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9647, 0.3262, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 68.9647, 0.3262, 0.3133.



This preview shows how white text looks on a background with the Yxy color 68.9647, 0.3262, 0.3133.

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

68.9647, 0.3262, 0.3133

Protanopia

68.8986, 0.3061, 0.3159

Deuteranopia

69.0831, 0.3223, 0.3153



Tritanopia

69.0188, 0.3255, 0.3123

Trichromacy



Original Color

68.9647, 0.3262, 0.3133

Protanomaly

68.5855, 0.3127, 0.3139

Deuteranomaly

68.9332, 0.3239, 0.3143

Tritanomaly

69.0188, 0.3255, 0.3123

Monochromacy



Original Color

68.9647, 0.3262, 0.3133

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0991, 0.3181, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9647, 0.3262, 0.3133 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, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 223)  
}
```

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, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.9647, 0.3262, 0.3133 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, 208, 223) }
```

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

```
.border{ border-color:rgb(240, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9647, 0.3262, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 223) }
```

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

```
.background{ background-color: rgb(240,  
208, 223) }
```

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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