

Converting Colors

Yxy(66.4642, 0.3251, 0.3100)

Have a look what the booklet for
Yxy(66.4642, 0.3251, 0.3100)
contains.

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Color

Yxy(66.4642, 0.3251, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	EDCCDE
RGB	237, 204, 222
RGB Percent	93%, 80%, 87%
CMY	0.0705, 0.2000, 0.1296
CMYK	0.00, 0.14, 0.06, 0.07
HSL	327°, 48%, 86%
HSV	327°, 14%, 93%
XYZ	69.7016, 66.4642, 78.2348
YIQ	215.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

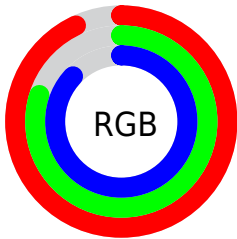
Format	Color
R _Y B	237, 204, 222
Decimal	15584478
CIE Lab	85.23, 14.54, -4.59
CIE LCh	85, 15.252, 342.468
Yxy	66.4642, 0.3251, 0.3100
Android (android.graphics.Color)	4293774558 (0xFFEDCCDE)
YUV	215.9190, 2.9979, 18.4880
Hunter-Lab	81.5256, 9.9418, 0.1711

Details

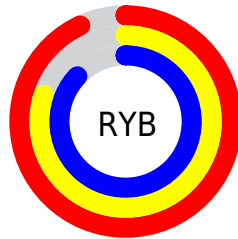
The Yxy color $66.4642, 0.3251, 0.3100$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.5320, 0.3020, 0.3488$, and the grayscale version is $68.5849, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.4265, 0.3280, 0.3057$ is the 20% darker color. If you saturate the color by 10%, you get $55.4832, 0.3361, 0.2956$, and if you desaturate by 10%, it is $79.2026, 0.3159, 0.3238$.

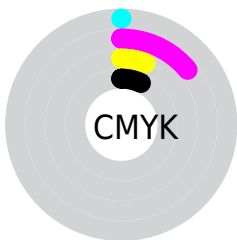
Distribution



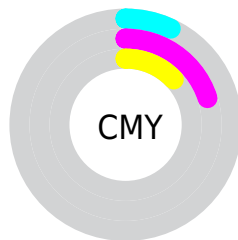
- Red (93%)
- Green (80%)
- Blue (87%)



- Red (93%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4642, 0.3251, 0.3100 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 66.4642, 0.3251, 0.3100 by changing the saturation by 10% instead.


 66.4642, 0.3251,
0.3100

 66.4642, 0.3251,
0.3100


448.0352, 0.3193,
0.3188

 48.6493, 0.3264,
0.3080

114.1523, 0.3231,
0.3131

 34.3414, 0.3281,
0.3055


144.7944, 0.3223,
0.3142

 23.1560, 0.3301,
0.3023


180.4809, 0.3217,
0.3153

 14.7087, 0.3329,
0.2982

221.5964, 0.3211,
0.3162

 8.6152, 0.3367,
0.2925

268.5251, 0.3206,
0.3169

 4.4911, 0.3421,
0.2843

321.6516, 0.3201,

 1.9519, 0.3509,

0.3176

0.2714

381.3602, 0.3197,
0.3183

0.5793, 0.3721,
0.2376

0.0000, 0.0000,
0.0000

66.4642, 0.3251,
0.3100

66.4642, 0.3251,
0.3100

55.4832, 0.3361,
0.2956

79.2026, 0.3159,
0.3238

46.1730, 0.3493,
0.2810

93.7626, 0.3082,
0.3368

38.4525, 0.3647,
0.2668

96.7074, 0.3021,
0.3296

32.2307, 0.3823,
0.2539

96.7469, 0.3017,
0.3290

■ 27.4070, 0.4021,
0.2434

■ 23.8684, 0.4235,
0.2365

■ 21.4842, 0.4457,
0.2345

■ 20.0951, 0.4675,
0.2378

■ 19.5902, 0.4804,
0.2420

Harmonies

Analogous

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



66.4642, 0.3059, 0.3001



66.4642, 0.3251, 0.3100



66.4642, 0.3413, 0.3247

Triad

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



66.4642, 0.3251, 0.3100



66.4642, 0.3364, 0.3620



66.4642, 0.2771, 0.3153

Complementary

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



66.4642, 0.3251, 0.3100



78.5320, 0.3020, 0.3488

Split Complementary

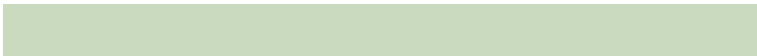
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4642, 0.2847, 0.3324



66.4642, 0.3251, 0.3100



66.4642, 0.3187, 0.3602

Square

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



66.4642, 0.3251, 0.3100



66.4642, 0.3479, 0.3547



66.4642, 0.2998, 0.3492



66.4642, 0.2786, 0.3026

Rectangle

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



66.4642, 0.3251, 0.3100



66.4642, 0.3480, 0.3356



66.4642, 0.2998, 0.3492



66.4642, 0.2786, 0.3207

Sweetspot

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



66.4671, 0.3251, 0.3100



93.3679, 0.3160, 0.3237



64.3418, 0.3010, 0.2932



19.7259, 0.3166, 0.3227



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.



66.4671, 0.3251, 0.3100



74.1838, 0.3284, 0.3055



65.6348, 0.3372, 0.3273



15.1911, 0.3208, 0.3163



10.7210, 0.4770, 0.2402



0.8612, 0.4495, 0.2250

Inverse Universe

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



66.4671, 0.3251, 0.3100



74.1838, 0.3284, 0.3055



79.4337, 0.2924, 0.3307



15.1911, 0.3208, 0.3163



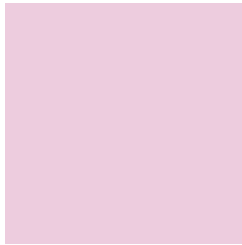
10.7210, 0.4770, 0.2402



0.8612, 0.4495, 0.2250

Previews

White Background



This preview shows how the Yxy color 66.4642, 0.3251, 0.3100 looks on a white background.

Color Contrast Check

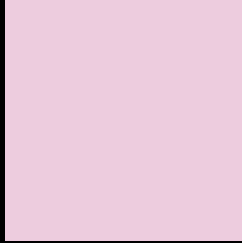
Large Text (above 18pt) WCAG AA × Fail

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 66.4642, 0.3251, 0.3100 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 66.4642, 0.3251, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 66.4642, 0.3251, 0.3100.

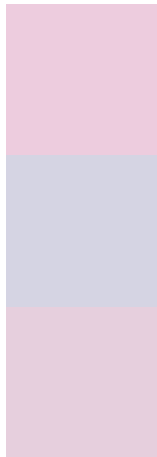


This preview shows how white text looks on a background with the Yxy color 66.4642, 0.3251, 0.3100.

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

66.4642, 0.3251, 0.3100

Protanopia

66.7792, 0.3034, 0.3124

Deuteranopia

66.6691, 0.3202, 0.3139



Tritanopia

66.3576, 0.3265, 0.3120

Trichromacy



Original Color

66.4642, 0.3251, 0.3100

Protanomaly

66.5668, 0.3113, 0.3116

Deuteranomaly

66.6867, 0.3226, 0.3130

Tritanomaly

66.4107, 0.3258, 0.3110

Monochromacy



Original Color

66.4642, 0.3251, 0.3100

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9962, 0.3175, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4642, 0.3251, 0.3100 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(237, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 222)  
}
```

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(237, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 222) }
```

Border

The CSS property to change the border of an element to Yxy 66.4642, 0.3251, 0.3100 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(237, 204, 222) }
```

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

```
.border{ border-color:rgb(237, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4642, 0.3251, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 222) }
```

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

```
.background{ background-color: rgb(237,  
204, 222) }
```

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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