

Converting Colors

Yxy(65.9782, 0.3125, 0.2883)

Have a look what the booklet for
Yxy(65.9782, 0.3125, 0.2883)
contains.

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Color

Yxy(66.0691, 0.3124, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	EDC9F0
RGB	237, 201, 240
RGB Percent	93%, 79%, 94%
CMY	0.0705, 0.2118, 0.0589
CMYK	0.01, 0.16, 0.00, 0.06
HSL	295°, 56%, 86%
HSV	295°, 16%, 94%
XYZ	71.5424, 66.0691, 91.3975
YIQ	216.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

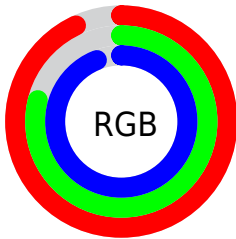
Format	Color
R_{YB}	237, 201, 240
Decimal	15583728
CIE _{Lab}	85.03, 19.34, -14.47
CIE _{LCh}	85, 24.158, 323.201
Yxy	66.0691, 0.3124, 0.2885
Android (android.graphics.Color)	4293773808 (0xFFEDC9F0)
YUV	216.2100, 11.7285, 18.2328
Hunter-Lab	81.2829, 14.8645, -9.7698

Details

The Yxy color **66.0691, 0.3124, 0.2885** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3508, 0.3126, 0.3725**, and the grayscale version is **68.7365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1519, 0.3121, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **55.4332, 0.3119, 0.2629**, and if you desaturate by 10%, it is **78.4616, 0.3126, 0.3137**.

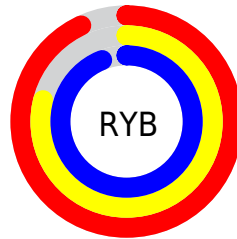
Distribution



Red (93%)

Green (79%)

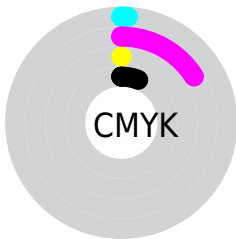
Blue (94%)



Red (93%)

Yellow (79%)

Blue (94%)

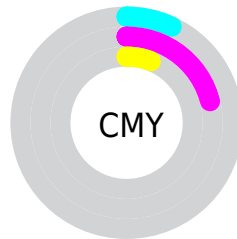


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (21%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0691, 0.3124, 0.2885 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 66.0691, 0.3124, 0.2885 by changing the saturation by 10% instead.

 66.0691, 0.3124,
0.2885

 66.0691, 0.3124,
0.2885


446.6240, 0.3128,
0.3070

 48.3285, 0.3122,
0.2844


113.5855, 0.3126,
0.2948

 34.0871, 0.3120,
0.2793


144.1301, 0.3126,
0.2973

 22.9605, 0.3117,
0.2729


179.7115, 0.3127,
0.2995

 14.5644, 0.3112,
0.2646

220.7140, 0.3127,
0.3014

 8.5142, 0.3104,
0.2536

267.5222, 0.3128,
0.3030

 4.4257, 0.3089,
0.2381


320.5203, 0.3128,

 1.9144, 0.3060,


0.3045


0.2147


380.0927, 0.3128,
0.3058


 0.5570, 0.3024,
0.1665


 0.0000, 0.0000,
0.0000

 66.0691, 0.3124,
0.2885


 66.0691, 0.3124,
0.2885

 55.4332, 0.3119,
0.2629


 78.4616, 0.3126,
0.3137


 46.4645, 0.3113,
0.2377

 92.6777, 0.3127,
0.3380

 39.0784, 0.3103,
0.2138

 96.7700, 0.3136,
0.3438

 33.1797, 0.3091,
0.1923

 97.0935, 0.3147,
0.3437

■ 28.6630, 0.3077,
0.1741

■ 97.4202, 0.3158,
0.3437

■ 25.4088, 0.3061,
0.1600

■ 97.7500, 0.3170,
0.3437

■ 23.2777, 0.3043,
0.1504

■ 98.0832, 0.3181,
0.3436

■ 22.0958, 0.3024,
0.1449

■ 98.4195, 0.3193,
0.3436

■ 21.7921, 0.3017,
0.1436

■ 98.7591, 0.3204,
0.3435

Harmonies

Analogous

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



66.0691, 0.2837, 0.2797



66.0691, 0.3124, 0.2885



66.0691, 0.3425, 0.3068

Triad

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



66.0691, 0.3124, 0.2885



66.0691, 0.3634, 0.3749



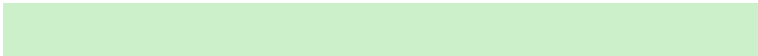
66.0691, 0.2629, 0.3237

Complementary

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



66.0691, 0.3124, 0.2885



79.3508, 0.3126, 0.3725

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.



66.0691, 0.2826, 0.3524



66.0691, 0.3124, 0.2885



66.0691, 0.3404, 0.3827

Square

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



66.0691, 0.3124, 0.2885



66.0691, 0.3727, 0.3555



66.0691, 0.3108, 0.3747



66.0691, 0.2562, 0.2983

Rectangle

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



66.0691, 0.3124, 0.2885



66.0691, 0.3588, 0.3224



66.0691, 0.3108, 0.3747



66.0691, 0.2682, 0.3333

Sweetspot

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



66.0720, 0.3124, 0.2885



91.9508, 0.3127, 0.3168



62.0108, 0.2864, 0.2889



19.4483, 0.3127, 0.3150



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.



66.0720, 0.3124, 0.2885



72.1997, 0.3123, 0.2813



65.6612, 0.3264, 0.3051



15.9671, 0.3126, 0.3057



11.9586, 0.3020, 0.1437



1.0128, 0.3047, 0.1452

Inverse Universe

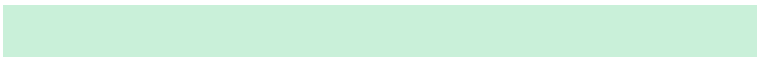
The Inverse Universe completely reimagines the original color for something new.



64.6509, 0.3413, 0.3259



70.3317, 0.3474, 0.3254



79.7436, 0.3011, 0.3542



15.7782, 0.3281, 0.3272



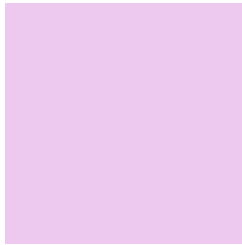
10.1724, 0.6319, 0.3255



0.8529, 0.6121, 0.3145

Previews

White Background



This preview shows how the Yxy color 66.0691, 0.3124, 0.2885 looks on a white background.

Color Contrast Check

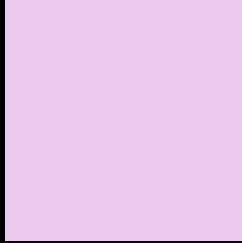
Large Text (above 18pt) WCAG AA × Fail

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 66.0691, 0.3124, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

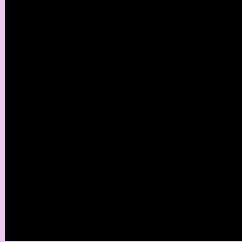
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0691, 0.3124, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 66.0691, 0.3124, 0.2885.



This preview shows how white text looks on a background with the Yxy color 66.0691, 0.3124, 0.2885.

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

66.0691, 0.3124, 0.2885

Protanopia

66.3642, 0.2864, 0.2907

Deuteranopia

66.2298, 0.3012, 0.2946



Tritanopia

65.8455, 0.3242, 0.3119

Trichromacy



Original Color

66.0691, 0.3124, 0.2885

Protanomaly

65.9090, 0.2951, 0.2892

Deuteranomaly

66.2255, 0.3055, 0.2929

Tritanomaly

65.9201, 0.3200, 0.3036

Monochromacy



Original Color

66.0691, 0.3124, 0.2885

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8721, 0.3127, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0691, 0.3124, 0.2885 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, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 240)  
}
```

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, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 240) }
```

Border

The CSS property to change the border of an element to Yxy 66.0691, 0.3124, 0.2885 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, 201, 240) }
```

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

```
.border{ border-color:rgb(237, 201, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0691, 0.3124, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 240) }
```

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

```
.background{ background-color: rgb(237,  
201, 240) }
```

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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