

Converting Colors

$Yxy(66.0841, 0.3263, 0.3032)$

Have a look what the booklet for
Yxy(66.0841, 0.3263, 0.3032)
contains.

Yxy(66.1415, 0.3262, 0.3029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1415, 0.3262, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	F2C9E2
RGB	242, 201, 226
RGB Percent	95%, 79%, 89%
CMY	0.0511, 0.2117, 0.1136
CMYK	0.00, 0.17, 0.07, 0.05
HSL	323°, 61%, 87%
HSV	323°, 17%, 95%
XYZ	71.2293, 66.1415, 80.9900
YIQ	216.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

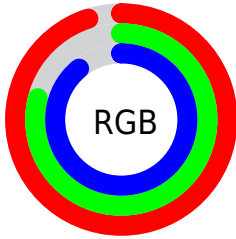
Format	Color
R _Y B	242, 201, 226
Decimal	15911394
CIE Lab	85.07, 18.52, -6.96
CIE LCh	85, 19.784, 339.415
Yxy	66.1415, 0.3262, 0.3029
Android (android.graphics.Color)	4294101474 (0xFFFF2C9E2)
YUV	216.1090, 4.8763, 22.7064
Hunter-Lab	81.3274, 14.0133, -2.1148

Details

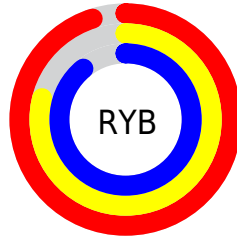
The Yxy color **66.1415, 0.3262, 0.3029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9154, 0.3013, 0.3566**, and the grayscale version is **68.7067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2468, 0.3295, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **55.2338, 0.3362, 0.2867**, and if you desaturate by 10%, it is **78.8605, 0.3177, 0.3186**.

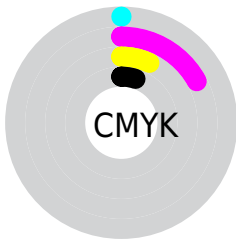
Distribution



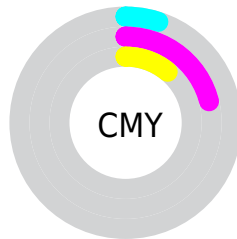
- Red (95%)
- Green (79%)
- Blue (89%)



- Red (95%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1415, 0.3262, 0.3029 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 66.1415, 0.3262, 0.3029 by changing the saturation by 10% instead.


 66.1415, 0.3262,
0.3029

 66.1415, 0.3262,
0.3029

446.8828, 0.3200,
0.3149

 48.3873, 0.3276,
0.3002

113.6894, 0.3240,
0.3071

 34.1337, 0.3294,
0.2968


144.2519, 0.3232,
0.3087

 22.9963, 0.3316,
0.2925

179.8525, 0.3225,
0.3101

 14.5908, 0.3345,
0.2870

220.8758, 0.3219,
0.3113

 8.5327, 0.3384,
0.2794

267.7061, 0.3213,
0.3124

 4.4377, 0.3441,
0.2686


320.7277, 0.3208,

 1.9213, 0.3529,


0.3133


0.2517


380.3252, 0.3204,
0.3142


 0.5611, 0.3738,
0.2111


 0.0000, 0.0000,
0.0000

 66.1415, 0.3262,
0.3029


 66.1415, 0.3262,
0.3029

 55.2338, 0.3362,
0.2867


 78.8605, 0.3177,
0.3186


 46.0451, 0.3480,
0.2705

 93.4600, 0.3107,
0.3335

 38.4884, 0.3615,
0.2551

 97.5665, 0.3051,
0.3297

 32.4653, 0.3768,
0.2413

 97.6128, 0.3047,
0.3290

■ 27.8669, 0.3936,
0.2303

■ 24.5697, 0.4113,
0.2234

■ 22.4288, 0.4293,
0.2215

■ 21.2595, 0.4469,
0.2248

■ 21.0056, 0.4523,
0.2265

Harmonies

Analogous

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



66.1415, 0.3012, 0.2910



66.1415, 0.3262, 0.3029



66.1415, 0.3482, 0.3212

Triad

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



66.1415, 0.3262, 0.3029



66.1415, 0.3453, 0.3715



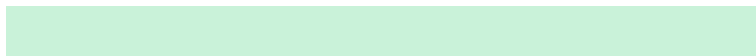
66.1415, 0.2672, 0.3129

Complementary

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



66.1415, 0.3262, 0.3029



80.9154, 0.3013, 0.3566

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.



66.1415, 0.2781, 0.3357



66.1415, 0.3262, 0.3029



66.1415, 0.3228, 0.3707

Square

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



66.1415, 0.3262, 0.3029



66.1415, 0.3593, 0.3605



66.1415, 0.2982, 0.3574



66.1415, 0.2680, 0.2959

Rectangle

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



66.1415, 0.3262, 0.3029



66.1415, 0.3578, 0.3351



66.1415, 0.2982, 0.3574



66.1415, 0.2696, 0.3202

Sweetspot

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



66.1444, 0.3262, 0.3029



91.8178, 0.3163, 0.3215



62.8958, 0.2961, 0.2846



19.4159, 0.3168, 0.3204



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.



66.1444, 0.3262, 0.3029



70.4530, 0.3292, 0.2979



65.0974, 0.3415, 0.3240



15.9211, 0.3198, 0.3147



11.3146, 0.4495, 0.2250



0.9607, 0.4280, 0.2131

Inverse Universe

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



66.1444, 0.3262, 0.3029



70.4530, 0.3292, 0.2979



82.0342, 0.2898, 0.3341



15.9211, 0.3198, 0.3147



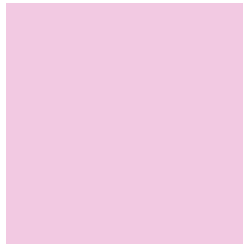
11.3146, 0.4495, 0.2250



0.9607, 0.4280, 0.2131

Previews

White Background



This preview shows how the Yxy color 66.1415, 0.3262, 0.3029 looks on a white background.

Color Contrast Check

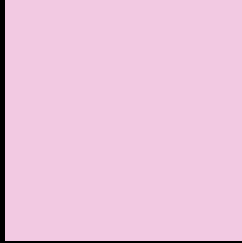
Large Text (above 18pt) WCAG AA × Fail

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 66.1415, 0.3262, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

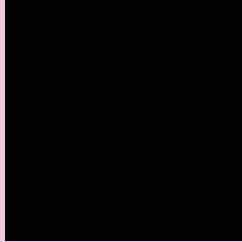
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1415, 0.3262, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 66.1415, 0.3262, 0.3029.



This preview shows how white text looks on a background with the Yxy color 66.1415, 0.3262, 0.3029.

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

66.1415, 0.3262, 0.3029

Protanopia

66.2636, 0.2987, 0.3058

Deuteranopia

66.0728, 0.3159, 0.3085



Tritanopia

66.0038, 0.3313, 0.3122

Trichromacy



Original Color

66.1415, 0.3262, 0.3029

Protanomaly

65.8684, 0.3080, 0.3040

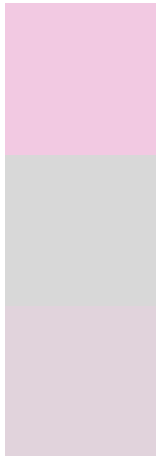
Deuteranomaly

65.9456, 0.3198, 0.3066

Tritanomaly

66.1623, 0.3291, 0.3091

Monochromacy



Original Color

66.1415, 0.3262, 0.3029

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.7634, 0.3169, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1415, 0.3262, 0.3029 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(242, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 226)  
}
```

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(242, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.1415, 0.3262, 0.3029 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(242, 201, 226) }
```

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

```
.border{ border-color:rgb(242, 201, 226) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1415, 0.3262, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 226) }
```

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

```
.background{ background-color: rgb(242,  
201, 226) }
```

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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