

Converting Colors

Yxy(61.8916, 0.3290, 0.3037)

Have a look what the booklet for
Yxy(61.8916, 0.3290, 0.3037)
contains.

Yxy(61.6501, 0.3291, 0.3034)	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(61.6501, 0.3291, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	EDC2DA
RGB	237, 194, 218
RGB Percent	93%, 76%, 85%
CMY	0.0705, 0.2392, 0.1453
CMYK	0.00, 0.18, 0.08, 0.07
HSL	327°, 54%, 85%
HSV	327°, 18%, 93%
XYZ	66.8723, 61.6501, 74.6751
YIQ	209.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

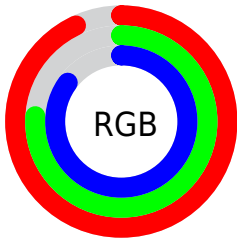
Format	Color
R _Y B	237, 194, 218
Decimal	15581914
CIE Lab	82.73, 19.16, -6.16
CIE LCh	83, 20.123, 342.188
Yxy	61.6501, 0.3291, 0.3034
Android (android.graphics.Color)	4293771994 (0xFFEDC2DA)
YUV	209.5930, 4.1447, 24.0359
Hunter-Lab	78.5176, 14.6201, -1.4261

Details

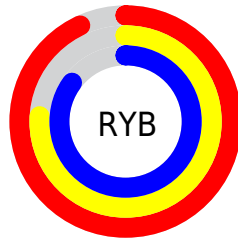
The Yxy color **61.6501, 0.3291, 0.3034** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8580, 0.2991, 0.3561**, and the grayscale version is **64.1333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.2243, 0.3334, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **51.3978, 0.3407, 0.2885**, and if you desaturate by 10%, it is **73.6253, 0.3194, 0.3178**.

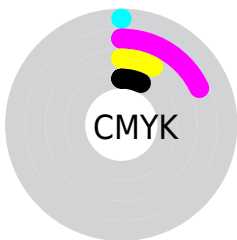
Distribution



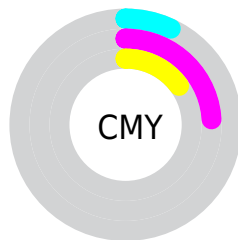
- Red (93%)
- Green (76%)
- Blue (85%)



- Red (93%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6501, 0.3291, 0.3034 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 61.6501, 0.3291, 0.3034 by changing the saturation by 10% instead.


 61.6501, 0.3291,
0.3034

 61.6501, 0.3291,
0.3034

430.6536, 0.3214,
0.3154

 44.7500, 0.3309,
0.3006


 107.2197, 0.3264,
0.3076

 31.2606, 0.3331,
0.2972


136.6580, 0.3254,
0.3092

 20.7974, 0.3359,
0.2929


171.0444, 0.3245,
0.3106

 12.9760, 0.3397,
0.2871

210.7635, 0.3237,
0.3118

 7.4120, 0.3449,
0.2792

256.1996, 0.3230,
0.3128

 3.7211, 0.3525,
0.2677

307.7370, 0.3224,

 1.5188, 0.3649,

0.3138

0.2493

365.7602, 0.3219,
0.3146

0.3019, 0.4156,
0.1663

0.0000, 0.0000,
0.0000

61.6501, 0.3291,
0.3034

61.6501, 0.3291,
0.3034

51.3978, 0.3407,
0.2885

73.6253, 0.3194,
0.3178

42.7800, 0.3543,
0.2737

87.3901, 0.3113,
0.3315

35.7127, 0.3702,
0.2597

96.3971, 0.3048,
0.3344

30.1011, 0.3882,
0.2473

96.7482, 0.3017,
0.3290

■ 25.8401, 0.4080,
0.2379

■ 22.8099, 0.4290,
0.2327

■ 20.8698, 0.4504,
0.2325

■ 19.8227, 0.4710,
0.2377

■ 19.6738, 0.4749,
0.2390

Harmonies

Analogous

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



61.6501, 0.3031, 0.2903



61.6501, 0.3291, 0.3034



61.6501, 0.3514, 0.3228

Triad

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



61.6501, 0.3291, 0.3034



61.6501, 0.3447, 0.3737



61.6501, 0.2650, 0.3102

Complementary

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



61.6501, 0.3291, 0.3034



76.8580, 0.2991, 0.3561

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.



61.6501, 0.2752, 0.3337



61.6501, 0.3291, 0.3034



61.6501, 0.3208, 0.3718

Square

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



61.6501, 0.3291, 0.3034



61.6501, 0.3604, 0.3632



61.6501, 0.2954, 0.3568



61.6501, 0.2669, 0.2933

Rectangle

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



61.6501, 0.3291, 0.3034



61.6501, 0.3606, 0.3373



61.6501, 0.2954, 0.3568



61.6501, 0.2671, 0.3176

Sweetspot

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



61.6528, 0.3291, 0.3034



91.7746, 0.3167, 0.3222



58.7935, 0.2964, 0.2814



19.4054, 0.3173, 0.3212



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.



61.6528, 0.3291, 0.3034



67.7819, 0.3334, 0.2976



60.6184, 0.3457, 0.3260



15.1945, 0.3206, 0.3160



10.7658, 0.4717, 0.2372



0.8647, 0.4450, 0.2225

Inverse Universe

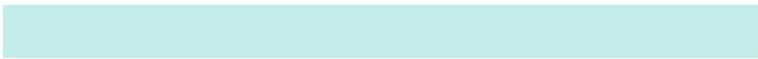
The Inverse Universe completely reimagines the original color for something new.



61.6528, 0.3291, 0.3034



67.7819, 0.3334, 0.2976



77.9999, 0.2870, 0.3321



15.1945, 0.3206, 0.3160



10.7658, 0.4717, 0.2372



0.8647, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 61.6501, 0.3291, 0.3034 looks on a white background.

Color Contrast Check

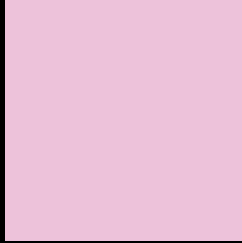
Large Text (above 18pt) WCAG AA × Fail

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 61.6501, 0.3291, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

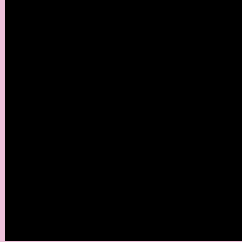
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6501, 0.3291, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 61.6501, 0.3291, 0.3034.



This preview shows how white text looks on a background with the Yxy color 61.6501, 0.3291, 0.3034.

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

61.6501, 0.3291, 0.3034

Protanopia

61.9363, 0.2982, 0.3062

Deuteranopia

61.6905, 0.3167, 0.3101



Tritanopia

61.5162, 0.3343, 0.3128

Trichromacy



Original Color

61.6501, 0.3291, 0.3034

Protanomaly

61.6461, 0.3092, 0.3056

Deuteranomaly

61.7288, 0.3215, 0.3082

Tritanomaly

61.6672, 0.3320, 0.3096

Monochromacy



Original Color

61.6501, 0.3291, 0.3034

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2055, 0.3185, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6501, 0.3291, 0.3034 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, 194, 218)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 218)  
}
```

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, 194, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.6501, 0.3291, 0.3034 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, 194, 218) }
```

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

```
.border{ border-color:rgb(237, 194, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 218);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6501, 0.3291, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 218) }
```

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

```
.background{ background-color: rgb(237,  
194, 218) }
```

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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