

Converting Colors

$Yxy(60.9968, 0.3286, 0.2985)$

Have a look what the booklet for
Yxy(60.9968, 0.3286, 0.2985)
contains.

Yxy(61.0437, 0.3285, 0.2992)	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(61.0437, 0.3285, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	EEC0DC
RGB	238, 192, 220
RGB Percent	93%, 75%, 86%
CMY	0.0668, 0.2470, 0.1373
CMYK	0.00, 0.19, 0.08, 0.07
HSL	323°, 57%, 84%
HSV	323°, 19%, 93%
XYZ	67.0216, 61.0437, 75.9578
YIQ	208.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

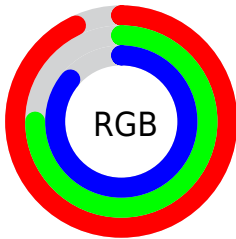
Format	Color
R _Y B	238, 192, 220
Decimal	15646940
CIE Lab	82.40, 20.89, -7.72
CIE LCh	82, 22.269, 339.718
Yxy	61.0437, 0.3285, 0.2992
Android (android.graphics.Color)	4293837020 (0xFFEEC0DC)
YUV	208.9460, 5.4496, 25.4804
Hunter-Lab	78.1305, 16.3919, -2.9499

Details

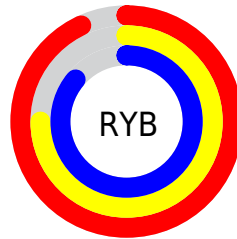
The Yxy color **61.0437, 0.3285, 0.2992** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.9975, 0.2996, 0.3608**, and the grayscale version is **63.6788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **30.8387, 0.3327, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **50.9464, 0.3390, 0.2830**, and if you desaturate by 10%, it is **72.8635, 0.3197, 0.3150**.

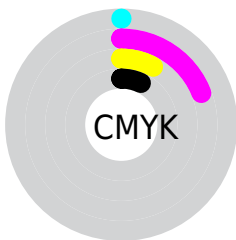
Distribution



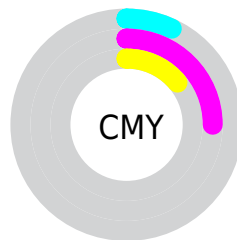
- Red (93%)
- Green (75%)
- Blue (86%)



- Red (93%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0437, 0.3285, 0.2992 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 61.0437, 0.3285, 0.2992 by changing the saturation by 10% instead.

 61.0437, 0.3285,
0.2992

 61.0437, 0.3285,
0.2992


428.4342, 0.3211,
0.3131

 44.2604, 0.3302,
0.2960


 106.3422, 0.3259,
0.3040

 30.8753, 0.3323,
0.2921


135.6262, 0.3249,
0.3059

 20.5039, 0.3350,
0.2870


169.8460, 0.3241,
0.3075

 12.7619, 0.3385,
0.2804

209.3858, 0.3233,
0.3089

 7.2648, 0.3434,
0.2713

254.6302, 0.3227,
0.3102

 3.6282, 0.3505,
0.2582


305.9634, 0.3221,

 1.4679, 0.3618,

0.3112

0.2373


363.7700, 0.3216,
0.3122


 0.2659, 0.4105,
0.1431

 0.0000, 0.0000,
0.0000


 61.0437, 0.3285,
0.2992


 61.0437, 0.3285,
0.2992


 50.9464, 0.3390,
0.2830


 72.8635, 0.3197,
0.3150


 42.4821, 0.3512,
0.2670

 86.4739, 0.3122,
0.3300

 35.5651, 0.3652,
0.2519

 96.4660, 0.3063,
0.3360

 30.0991, 0.3810,
0.2387

 96.9133, 0.3023,
0.3290

■ 25.9764, 0.3981,
0.2287

■ 23.0745, 0.4161,
0.2229

■ 21.2480, 0.4342,
0.2222

■ 20.2692, 0.4518,
0.2265

■ 20.2140, 0.4530,
0.2269

Harmonies

Analogous

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



61.0437, 0.2996, 0.2855



61.0437, 0.3285, 0.2992



61.0437, 0.3540, 0.3201

Triad

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



61.0437, 0.3285, 0.2992



61.0437, 0.3500, 0.3782



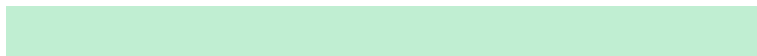
61.0437, 0.2603, 0.3099

Complementary

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



61.0437, 0.3285, 0.2992



76.9975, 0.2996, 0.3608

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.



61.0437, 0.2726, 0.3363



61.0437, 0.3285, 0.2992



61.0437, 0.3239, 0.3775

Square

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



61.0437, 0.3285, 0.2992



61.0437, 0.3665, 0.3653



61.0437, 0.2956, 0.3618



61.0437, 0.2613, 0.2905

Rectangle

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



61.0437, 0.3285, 0.2992



61.0437, 0.3651, 0.3360



61.0437, 0.2956, 0.3618



61.0437, 0.2630, 0.3183

Sweetspot

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



61.0464, 0.3285, 0.2992



90.2442, 0.3171, 0.3200



57.5257, 0.2934, 0.2778



19.0987, 0.3176, 0.3190



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.



61.0464, 0.3285, 0.2992



66.7274, 0.3322, 0.2931



59.9278, 0.3464, 0.3233



15.9205, 0.3198, 0.3147



11.3059, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Inverse Universe

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



61.0464, 0.3285, 0.2992



66.7274, 0.3322, 0.2931



78.2058, 0.2867, 0.3349



15.9205, 0.3198, 0.3147



11.3059, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 61.0437, 0.3285, 0.2992 looks on a white background.

Color Contrast Check

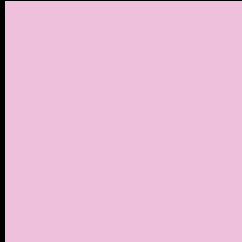
Large Text (above 18pt) WCAG AA × Fail

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 61.0437, 0.3285, 0.2992 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 61.0437, 0.3285, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 61.0437, 0.3285, 0.2992.



This preview shows how white text looks on a background with the Yxy color 61.0437, 0.3285, 0.2992.

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

61.0437, 0.3285, 0.2992

Protanopia

61.2883, 0.2955, 0.3027

Deuteranopia

61.0214, 0.3138, 0.3067



Tritanopia

61.1915, 0.3360, 0.3129

Trichromacy



Original Color

61.0437, 0.3285, 0.2992

Protanomaly

61.1374, 0.3071, 0.3022

Deuteranomaly

60.7631, 0.3194, 0.3038

Tritanomaly

60.9485, 0.3330, 0.3075

Monochromacy



Original Color

61.0437, 0.3285, 0.2992

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7316, 0.3186, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0437, 0.3285, 0.2992 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(238, 192, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 220)  
}
```

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(238, 192, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.0437, 0.3285, 0.2992 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(238, 192, 220) }
```

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

```
.border{ border-color:rgb(238, 192, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 192, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 192, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 192, 220); box-shadow:4px 4px 4px 4px rgb(238, 192, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0437, 0.3285, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 220) }
```

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

```
.background{ background-color: rgb(238,  
192, 220) }
```

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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