

Converting Colors

$Yxy(61.6221, 0.3142, 0.2971)$

Have a look what the booklet for
Yxy(61.6221, 0.3142, 0.2971)
contains.

Yxy(61.5922, 0.3142, 0.2975)	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(61.5922, 0.3142, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	E2C5E2
RGB	226, 197, 226
RGB Percent	89%, 77%, 89%
CMY	0.1138, 0.2274, 0.1138
CMYK	0.00, 0.13, 0.00, 0.11
HSL	300°, 33%, 83%
HSV	300°, 13%, 89%
XYZ	65.0496, 61.5922, 80.3908
YIQ	208.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

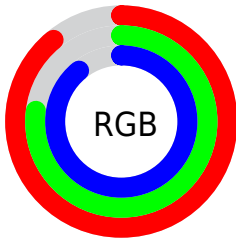
Format	Color
R _Y B	226, 197, 226
Decimal	14861794
CIE Lab	82.70, 15.21, -10.60
CIE LCh	83, 18.542, 325.138
Yxy	61.5922, 0.3142, 0.2975
Android (android.graphics.Color)	4293051874 (0xFFE2C5E2)
YUV	208.9770, 8.3923, 14.9292
Hunter-Lab	78.4807, 10.6106, -5.7965

Details

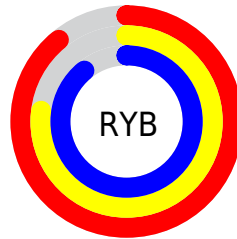
The Yxy color **61.5922, 0.3142, 0.2975** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2868, 0.3111, 0.3626**, and the grayscale version is **63.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.2431, 0.3146, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **52.0886, 0.3154, 0.2724**, and if you desaturate by 10%, it is **72.6395, 0.3130, 0.3222**.

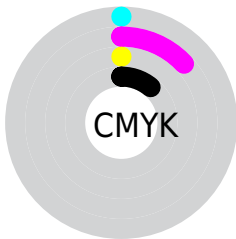
Distribution



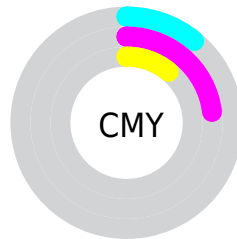
- Red (89%)
- Green (77%)
- Blue (89%)



- Red (89%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5922, 0.3142, 0.2975 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 61.5922, 0.3142, 0.2975 by changing the saturation by 10% instead.


 61.5922, 0.3142,
0.2975

 61.5922, 0.3142,
0.2975


430.4420, 0.3137,
0.3122

 44.7033, 0.3143,
0.2941


107.1359, 0.3140,
0.3026

 31.2238, 0.3144,
0.2900


136.5595, 0.3140,
0.3046

 20.7693, 0.3145,
0.2847


170.9301, 0.3139,
0.3063

 12.9555, 0.3145,
0.2777

210.6321, 0.3138,
0.3078

 7.3979, 0.3145,
0.2682

256.0499, 0.3138,
0.3091

 3.7122, 0.3143,
0.2545

307.5679, 0.3137,

 1.5139, 0.3134,

0.3102

0.2328

365.5705, 0.3137,
0.3112

0.2985, 0.3238,
0.1475

0.0000, 0.0000,
0.0000

61.5922, 0.3142,
0.2975

61.5922, 0.3142,
0.2975

52.0886, 0.3154,
0.2724

72.6395, 0.3130,
0.3222

44.0525, 0.3165,
0.2478

85.2864, 0.3119,
0.3459

37.4131, 0.3176,
0.2244

93.1761, 0.3113,
0.3588

32.0908, 0.3186,
0.2033

93.1764, 0.3113,
0.3588

■ 27.9980, 0.3195,
0.1854

■ 93.1767, 0.3113,
0.3588

■ 25.0364, 0.3202,
0.1714

■ 93.1771, 0.3113,
0.3588

■ 23.0926, 0.3206,
0.1617

■ 93.1774, 0.3113,
0.3588

■ 22.0298, 0.3209,
0.1562

■ 93.1778, 0.3113,
0.3588

■ 21.6521, 0.3210,
0.1542

■ 93.1781, 0.3113,
0.3588

Harmonies

Analogous

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



61.5922, 0.2912, 0.2900



61.5922, 0.3142, 0.2975



61.5922, 0.3375, 0.3126

Triad

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



61.5922, 0.3142, 0.2975



61.5922, 0.3517, 0.3660



61.5922, 0.2726, 0.3237

Complementary

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



61.5922, 0.3142, 0.2975



70.2868, 0.3111, 0.3626

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.



61.5922, 0.2878, 0.3459



61.5922, 0.3142, 0.2975



61.5922, 0.3333, 0.3709

Square

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



61.5922, 0.3142, 0.2975



61.5922, 0.3596, 0.3514



61.5922, 0.3099, 0.3637



61.5922, 0.2679, 0.3040

Rectangle

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



61.5922, 0.3142, 0.2975



61.5922, 0.3499, 0.3253



61.5922, 0.3099, 0.3637



61.5922, 0.2767, 0.3311

Sweetspot

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



61.5949, 0.3142, 0.2975



93.6637, 0.3132, 0.3192



57.3022, 0.2923, 0.2953



19.8010, 0.3133, 0.3174



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.



61.5949, 0.3142, 0.2975



77.9762, 0.3145, 0.2918



60.8336, 0.3249, 0.3130



13.9356, 0.3138, 0.3059



12.3550, 0.3210, 0.1542



0.8564, 0.3210, 0.1542

Inverse Universe

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



61.5949, 0.3142, 0.2975



77.9762, 0.3145, 0.2918



70.9827, 0.3020, 0.3456



13.9356, 0.3138, 0.3059



12.3550, 0.3210, 0.1542



0.8564, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 61.5922, 0.3142, 0.2975 looks on a white background.

Color Contrast Check

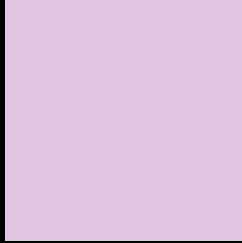
Large Text (above 18pt) WCAG AA × Fail

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 61.5922, 0.3142, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

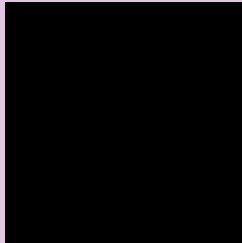
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5922, 0.3142, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 61.5922, 0.3142, 0.2975.



This preview shows how white text looks on a background with the Yxy color 61.5922, 0.3142, 0.2975.

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

61.5922, 0.3142, 0.2975

Protanopia

61.5118, 0.2928, 0.2983

Deuteranopia

61.4965, 0.3079, 0.3012



Tritanopia

61.6004, 0.3206, 0.3113

Trichromacy



Original Color

61.5922, 0.3142, 0.2975

Protanomaly

61.2793, 0.3006, 0.2977

Deuteranomaly

61.4987, 0.3102, 0.3003

Tritanomaly

61.5102, 0.3185, 0.3059

Monochromacy



Original Color

61.5922, 0.3142, 0.2975

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0160, 0.3132, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5922, 0.3142, 0.2975 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(226, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 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(226, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.5922, 0.3142, 0.2975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

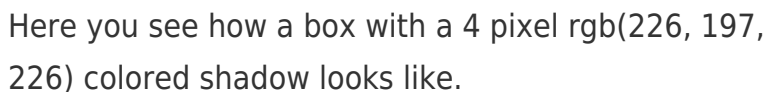
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 197, 226) }
```

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

```
.border{ border-color:rgb(226, 197, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 197, 226); box-shadow:4px 4px 4px 4px rgb(226, 197, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5922, 0.3142, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 226) }
```

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

```
.background{ background-color: rgb(226,  
197, 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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