

Converting Colors

Yxy(61.6413, 0.3256, 0.2926)

Have a look what the booklet for
Yxy(61.6413, 0.3256, 0.2926)
contains.

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Color

Yxy(61.7155, 0.3255, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	F0C0E2
RGB	240, 192, 226
RGB Percent	94%, 75%, 89%
CMY	0.0588, 0.2470, 0.1137
CMYK	0.00, 0.20, 0.06, 0.06
HSL	317°, 62%, 85%
HSV	317°, 20%, 94%
XYZ	68.5143, 61.7155, 80.2596
YIQ	210.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

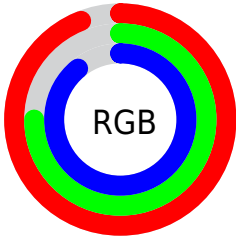
Format	Color
R _Y B	240, 192, 226
Decimal	15778018
CIE Lab	82.76, 22.62, -10.39
CIE LCh	83, 24.889, 335.335
Yxy	61.7155, 0.3255, 0.2932
Android (android.graphics.Color)	4293968098 (0xFFFF0C0E2)
YUV	210.2280, 7.7756, 26.1100
Hunter-Lab	78.5592, 18.1976, -5.5819

Details

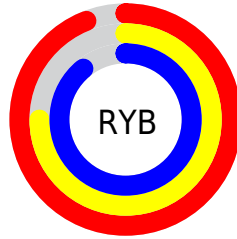
The Yxy color **61.7155, 0.3255, 0.2932** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9861, 0.3019, 0.3677**, and the grayscale version is **64.5477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.3076, 0.3286, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **51.6475, 0.3335, 0.2746**, and if you desaturate by 10%, it is **73.5232, 0.3186, 0.3115**.

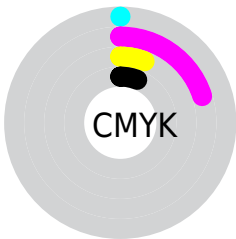
Distribution



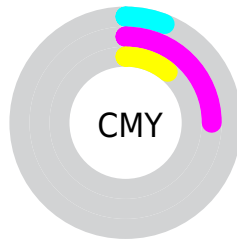
- Red (94%)
- Green (75%)
- Blue (89%)



- Red (94%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7155, 0.3255, 0.2932 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 61.7155, 0.3255, 0.2932 by changing the saturation by 10% instead.


 61.7155, 0.3255,
0.2932

 61.7155, 0.3255,
0.2932


430.8926, 0.3197,
0.3098

 44.8029, 0.3268,
0.2894


 107.3142, 0.3235,
0.2989

 31.3022, 0.3284,
0.2848


136.7691, 0.3227,
0.3012

 20.8291, 0.3305,
0.2789


171.1736, 0.3220,
0.3031

 12.9991, 0.3331,
0.2712

210.9119, 0.3214,
0.3048

 7.4279, 0.3367,
0.2607

256.3686, 0.3209,
0.3062

 3.7311, 0.3417,
0.2457


307.9280, 0.3204,

 1.5243, 0.3494,


0.3075


0.2223

365.9745, 0.3200,
0.3087


 0.3058, 0.3812,
0.1383


 0.0000, 0.0000,
0.0000


 61.7155, 0.3255,
0.2932


 61.7155, 0.3255,
0.2932


 51.6475, 0.3335,
0.2746

 73.5232, 0.3186,
0.3115


 43.2275, 0.3428,
0.2564

 87.1401, 0.3127,
0.3290

 36.3681, 0.3531,
0.2393

 96.7617, 0.3080,
0.3368

 30.9703, 0.3645,
0.2243

 97.2018, 0.3041,
0.3300

■ 26.9237, 0.3765,
0.2127

■ 97.2662, 0.3035,
0.3290

■ 24.1020, 0.3890,
0.2054

■ 22.3550, 0.4013,
0.2029

■ 21.4298, 0.4132,
0.2050

Harmonies

Analogous

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



61.7155, 0.2936, 0.2796



61.7155, 0.3255, 0.2932



61.7155, 0.3552, 0.3153

Triad

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



61.7155, 0.3255, 0.2932



61.7155, 0.3577, 0.3825



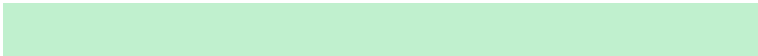
61.7155, 0.2557, 0.3115

Complementary

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



61.7155, 0.3255, 0.2932



77.9861, 0.3019, 0.3677

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.



61.7155, 0.2712, 0.3416



61.7155, 0.3255, 0.2932



61.7155, 0.3296, 0.3844

Square

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



61.7155, 0.3255, 0.2932



61.7155, 0.3740, 0.3661



61.7155, 0.2979, 0.3692



61.7155, 0.2547, 0.2886

Rectangle

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



61.7155, 0.3255, 0.2932



61.7155, 0.3690, 0.3326



61.7155, 0.2979, 0.3692



61.7155, 0.2594, 0.3212

Sweetspot

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



61.7182, 0.3255, 0.2932



90.3397, 0.3161, 0.3186



57.0572, 0.2891, 0.2753



19.1213, 0.3165, 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.



61.7182, 0.3255, 0.2932



65.8783, 0.3286, 0.2856



60.5100, 0.3441, 0.3179



15.9483, 0.3183, 0.3124



11.7547, 0.4114, 0.2040



0.9951, 0.3966, 0.1959

Inverse Universe

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



61.7182, 0.3255, 0.2932



65.8783, 0.3286, 0.2856



79.2210, 0.2885, 0.3405



15.9483, 0.3183, 0.3124



11.7547, 0.4114, 0.2040



0.9951, 0.3966, 0.1959

Previews

White Background



This preview shows how the Yxy color 61.7155, 0.3255, 0.2932 looks on a white background.

Color Contrast Check

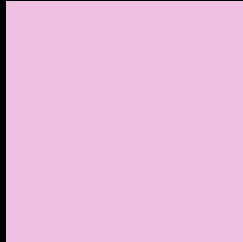
Large Text (above 18pt) WCAG AA × Fail

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 61.7155, 0.3255, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

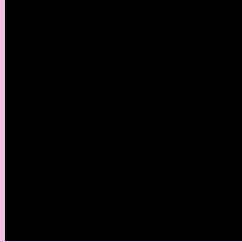
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7155, 0.3255, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 61.7155, 0.3255, 0.2932.



This preview shows how white text looks on a background with the Yxy color 61.7155, 0.3255, 0.2932.

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

61.7155, 0.3255, 0.2932

Protanopia

62.1597, 0.2909, 0.2962

Deuteranopia

62.0605, 0.3093, 0.3035



Tritanopia

61.8605, 0.3359, 0.3129

Trichromacy



Original Color

61.7155, 0.3255, 0.2932

Protanomaly

61.6770, 0.3030, 0.2948

Deuteranomaly

61.9932, 0.3149, 0.2996

Tritanomaly

61.8922, 0.3322, 0.3056

Monochromacy



Original Color

61.7155, 0.3255, 0.2932

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.0419, 0.3172, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7155, 0.3255, 0.2932 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(240, 192, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 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(240, 192, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.7155, 0.3255, 0.2932 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(240, 192, 226) }
```

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

```
.border{ border-color:rgb(240, 192, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7155, 0.3255, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 226) }
```

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

```
.background{ background-color: rgb(240,  
192, 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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