

Converting Colors

Yxy(61.9867, 0.3190, 0.2933)

Have a look what the booklet for
Yxy(61.9867, 0.3190, 0.2933)
contains.

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Color

Yxy(62.1241, 0.3191, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	EAC3E4
RGB	234, 195, 228
RGB Percent	92%, 76%, 89%
CMY	0.0823, 0.2353, 0.1060
CMYK	0.00, 0.17, 0.03, 0.08
HSL	309°, 48%, 84%
HSV	309°, 17%, 92%
XYZ	67.4508, 62.1241, 81.8034
YIQ	210.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

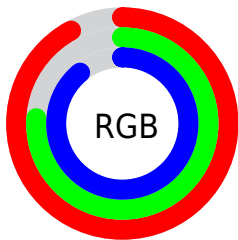
Format	Color
R _Y B	234, 195, 228
Decimal	15385572
CIE Lab	82.98, 19.35, -11.16
CIE LCh	83, 22.338, 330.019
Yxy	62.1241, 0.3191, 0.2939
Android (android.graphics.Color)	4293575652 (0xFFEAC3E4)
YUV	210.4230, 8.6655, 20.6770
Hunter-Lab	78.8188, 14.8220, -6.3619

Details

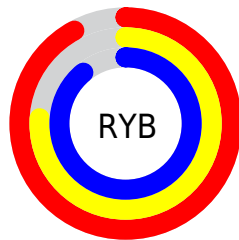
The Yxy color $62.1241, 0.3191, 0.2939$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $74.6814, 0.3069, 0.3668$, and the grayscale version is $64.6787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $31.5319, 0.3200, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $52.2487, 0.3236, 0.2722$, and if you desaturate by 10%, it is $73.6526, 0.3151, 0.3152$.

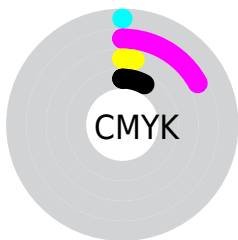
Distribution



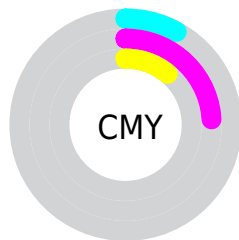
- Red (92%)
- Green (76%)
- Blue (89%)



- Red (92%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1241, 0.3191, 0.2939 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 62.1241, 0.3191, 0.2939 by changing the saturation by 10% instead.

 62.1241, 0.3191,
0.2939

 62.1241, 0.3191,
0.2939


432.3836, 0.3163,
0.3101

 45.1330, 0.3197,
0.2902

 107.9049, 0.3181,
0.2995

 31.5622, 0.3205,
0.2856


137.4633, 0.3178,
0.3017

 21.0273, 0.3214,
0.2798


171.9797, 0.3174,
0.3036

 13.1440, 0.3225,
0.2723

211.8383, 0.3172,
0.3052

 7.5278, 0.3240,
0.2620

257.4236, 0.3169,
0.3067

 3.7943, 0.3259,
0.2472

309.1200, 0.3167,

 1.5592, 0.3284,

0.3080

0.2243

367.3119, 0.3165,
0.3091

0.3298, 0.3468,
0.1456

0.0000, 0.0000,
0.0000

62.1241, 0.3191,
0.2939

62.1241, 0.3191,
0.2939

52.2487, 0.3236,
0.2722

73.6526, 0.3151,
0.3152

43.9419, 0.3287,
0.2509

86.8975, 0.3116,
0.3357

37.1240, 0.3342,
0.2307

95.2406, 0.3090,
0.3451

31.7051, 0.3401,
0.2127

95.4577, 0.3069,
0.3414

■ 27.5856, 0.3461,
0.1978

■ 95.6790, 0.3049,
0.3378

■ 24.6525, 0.3521,
0.1869

■ 95.9048, 0.3028,
0.3341

■ 22.7739, 0.3580,
0.1806

■ 96.1349, 0.3008,
0.3305

■ 21.7822, 0.3635,
0.1787

■ 96.2363, 0.3000,
0.3290

■ 21.5573, 0.3653,
0.1786

Harmonies

Analogous

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



62.1241, 0.2910, 0.2833



62.1241, 0.3191, 0.2939



62.1241, 0.3466, 0.3129

Triad

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



62.1241, 0.3191, 0.2939



62.1241, 0.3566, 0.3752



62.1241, 0.2630, 0.3181

Complementary

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



62.1241, 0.3191, 0.2939



74.6814, 0.3069, 0.3668

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.



62.1241, 0.2791, 0.3451



62.1241, 0.3191, 0.2939



62.1241, 0.3329, 0.3793

Square

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



62.1241, 0.3191, 0.2939



62.1241, 0.3687, 0.3589



62.1241, 0.3045, 0.3682



62.1241, 0.2597, 0.2958

Rectangle

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



62.1241, 0.3191, 0.2939



62.1241, 0.3603, 0.3282



62.1241, 0.3045, 0.3682



62.1241, 0.2671, 0.3269

Sweetspot

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



62.1268, 0.3191, 0.2939



92.0062, 0.3145, 0.3187



57.3708, 0.2897, 0.2845



19.4618, 0.3147, 0.3172



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.



62.1268, 0.3191, 0.2939



71.1656, 0.3206, 0.2865



61.1143, 0.3338, 0.3142



15.2712, 0.3162, 0.3093



12.1267, 0.3645, 0.1782



0.9631, 0.3575, 0.1743

Inverse Universe

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



62.1268, 0.3191, 0.2939



71.1656, 0.3206, 0.2865



75.6479, 0.2954, 0.3443



15.2712, 0.3162, 0.3093



12.1267, 0.3645, 0.1782



0.9631, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 62.1241, 0.3191, 0.2939 looks on a white background.

Color Contrast Check

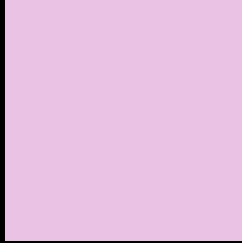
Large Text (above 18pt) WCAG AA × Fail

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 62.1241, 0.3191, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

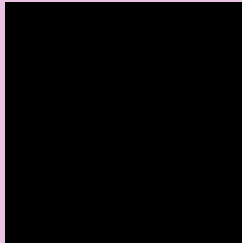
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1241, 0.3191, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 62.1241, 0.3191, 0.2939.



This preview shows how white text looks on a background with the Yxy color 62.1241, 0.3191, 0.2939.

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

62.1241, 0.3191, 0.2939

Protanopia

62.1597, 0.2909, 0.2962

Deuteranopia

62.2248, 0.3072, 0.3003



Tritanopia

62.3481, 0.3285, 0.3127

Trichromacy



Original Color

62.1241, 0.3191, 0.2939

Protanomaly

61.8956, 0.3008, 0.2947

Deuteranomaly

62.2402, 0.3118, 0.2985

Tritanomaly

62.3181, 0.3256, 0.3064

Monochromacy



Original Color

62.1241, 0.3191, 0.2939

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.7325, 0.3149, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1241, 0.3191, 0.2939 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(234, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 228)  
}
```

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(234, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 228) }
```

Border

The CSS property to change the border of an element to Yxy 62.1241, 0.3191, 0.2939 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(234, 195, 228) }
```

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

```
.border{ border-color:rgb(234, 195, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 195, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 195, 228); box-shadow:4px 4px 4px 4px rgb(234, 195, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1241, 0.3191, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 228) }
```

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

```
.background{ background-color: rgb(234,  
195, 228) }
```

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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