

Converting Colors

Yxy(62.0149, 0.3409, 0.3141)

Have a look what the booklet for
Yxy(62.0149, 0.3409, 0.3141)
contains.

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Color

Yxy(62.0149, 0.3409, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	F2C2D0
RGB	242, 194, 208
RGB Percent	95%, 76%, 82%
CMY	0.0508, 0.2393, 0.1842
CMYK	0.00, 0.20, 0.14, 0.05
HSL	342°, 65%, 85%
HSV	342°, 20%, 95%
XYZ	67.3062, 62.0149, 68.1157
YIQ	209.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

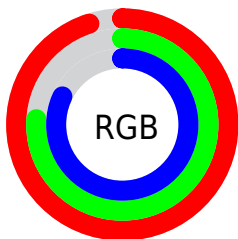
Format	Color
R _Y B	242, 194, 208
Decimal	15909584
CIE Lab	82.92, 19.28, -0.50
CIE LCh	83, 19.287, 358.523
Yxy	62.0149, 0.3409, 0.3141
Android (android.graphics.Color)	4294099664 (0xFFFF2C2D0)
YUV	209.9480, -0.9604, 28.1096
Hunter-Lab	78.7495, 14.7499, 3.8408

Details

The Yxy color **62.0149, 0.3409, 0.3141** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5936, 0.2907, 0.3445**, and the grayscale version is **64.4116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.4035, 0.3473, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **51.3097, 0.3601, 0.3061**, and if you desaturate by 10%, it is **74.5712, 0.3253, 0.3218**.

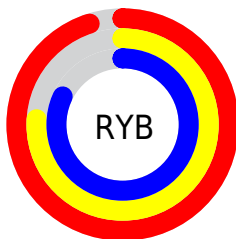
Distribution



Red (95%)

Green (76%)

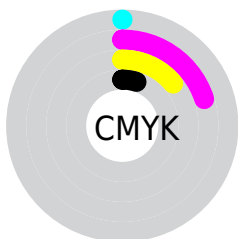
Blue (82%)



Red (95%)

Yellow (76%)

Blue (82%)

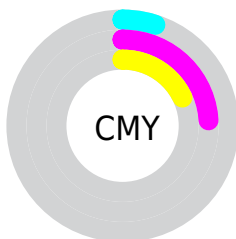


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (5%)



Cyan (5%)


Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0149, 0.3409, 0.3141 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 62.0149, 0.3409, 0.3141 by changing the saturation by 10% instead.

 62.0149, 0.3409,
0.3141

 62.0149, 0.3409,
0.3141

431.9854, 0.3275,
0.3212

 45.0447, 0.3441,
0.3124


 107.7471, 0.3362,
0.3166

 31.4927, 0.3480,
0.3103


137.2779, 0.3343,
0.3176

 20.9743, 0.3531,
0.3077

171.7643, 0.3328,
0.3184

 13.1052, 0.3600,
0.3041

211.5908, 0.3314,
0.3191

 7.5010, 0.3695,
0.2990

257.1418, 0.3303,
0.3197

 3.7774, 0.3840,
0.2915


308.8016, 0.3292,

 1.5498, 0.4082,

0.3203

0.2789


366.9547, 0.3283,
0.3208


 0.3234, 0.5228,
0.2173


 0.0000, 0.0000,
0.0000


 62.0149, 0.3409,
0.3141


 62.0149, 0.3409,
0.3141


 51.3097, 0.3601,
0.3061

 74.5712, 0.3253,
0.3218

 42.3596, 0.3834,
0.2982

 89.0520, 0.3125,
0.3291

 35.0724, 0.4112,
0.2910

 97.6233, 0.3048,
0.3290

 29.3442, 0.4436,
0.2853

■ 25.0593, 0.4795,
0.2824

■ 22.0857, 0.5168,
0.2834

■ 20.2667, 0.5523,
0.2890

■ 19.3459, 0.5827,
0.2985

■ 19.3348, 0.5831,
0.2986

Harmonies

Analogous

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



62.0149, 0.3171, 0.2978



62.0149, 0.3409, 0.3141



62.0149, 0.3573, 0.3344

Triad

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



62.0149, 0.3409, 0.3141



62.0149, 0.3315, 0.3723



62.0149, 0.2665, 0.3012

Complementary

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



62.0149, 0.3409, 0.3141



80.5936, 0.2907, 0.3445

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.



62.0149, 0.2700, 0.3209



62.0149, 0.3409, 0.3141



62.0149, 0.3070, 0.3634

Square

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



62.0149, 0.3409, 0.3141



62.0149, 0.3515, 0.3685



62.0149, 0.2846, 0.3440



62.0149, 0.2747, 0.2900

Rectangle

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



62.0149, 0.3409, 0.3141



62.0149, 0.3614, 0.3480



62.0149, 0.2846, 0.3440



62.0149, 0.2664, 0.3070

Sweetspot

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



62.0177, 0.3409, 0.3141



89.9457, 0.3201, 0.3247



61.4237, 0.3041, 0.2780



19.0282, 0.3209, 0.3242



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.



62.0177, 0.3409, 0.3141



64.4922, 0.3485, 0.3107



65.7729, 0.3502, 0.3394



15.8348, 0.3247, 0.3221



10.4041, 0.5789, 0.2963



0.8822, 0.5416, 0.2757

Inverse Universe

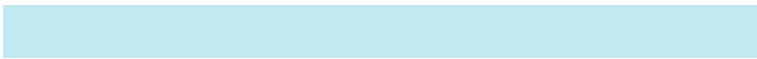
The Inverse Universe completely reimagines the original color for something new.



62.0177, 0.3409, 0.3141



64.4922, 0.3485, 0.3107



75.8337, 0.2823, 0.3183



15.8348, 0.3247, 0.3221



10.4041, 0.5789, 0.2963



0.8822, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 62.0149, 0.3409, 0.3141 looks on a white background.

Color Contrast Check

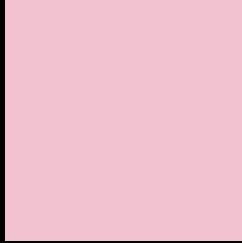
Large Text (above 18pt) WCAG AA × Fail

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 62.0149, 0.3409, 0.3141 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 62.0149, 0.3409, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 62.0149, 0.3409, 0.3141.



This preview shows how white text looks on a background with the Yxy color 62.0149, 0.3409, 0.3141.

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

62.0149, 0.3409, 0.3141

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

61.9823, 0.3280, 0.3213



Tritanopia

62.0643, 0.3401, 0.3131

Trichromacy



Original Color

62.0149, 0.3409, 0.3141

Protanomaly

62.2102, 0.3194, 0.3178

Deuteranomaly

62.0490, 0.3330, 0.3192

Tritanomaly

62.0643, 0.3401, 0.3131

Monochromacy



Original Color

62.0149, 0.3409, 0.3141

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3188, 0.3230, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0149, 0.3409, 0.3141 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(242, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 208)  
}
```

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(242, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.0149, 0.3409, 0.3141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

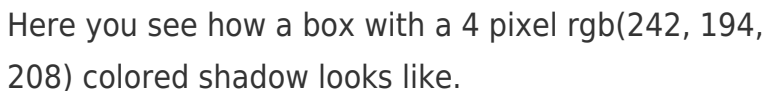
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 194, 208) }
```

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

```
.border{ border-color:rgb(242, 194, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(242, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 194, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 194, 208); box-shadow:4px 4px 4px 4px rgb(242, 194, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0149, 0.3409, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 208) }
```

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

```
.background{ background-color: rgb(242,  
194, 208) }
```

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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