

Converting Colors

$Yxy(70.2368, 0.3144, 0.3080)$

Have a look what the booklet for
Yxy(70.2368, 0.3144, 0.3080)
contains.

Yxy(70.2368, 0.3144, 0.3080)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.2368, 0.3144, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	E9D4E8
RGB	233, 212, 232
RGB Percent	91%, 83%, 91%
CMY	0.0865, 0.1685, 0.0903
CMYK	0.00, 0.09, 0.00, 0.09
HSL	303°, 32%, 87%
HSV	303°, 9%, 91%
XYZ	71.6963, 70.2368, 86.1085
YIQ	220.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

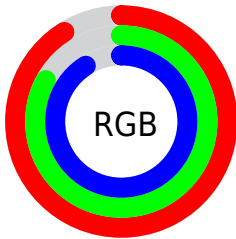
Format	Color
R _Y B	233, 212, 232
Decimal	15324392
CIE Lab	87.11, 10.70, -7.17
CIE LCh	87, 12.880, 326.169
Yxy	70.2368, 0.3144, 0.3080
Android (android.graphics.Color)	4293514472 (0xFFE9D4E8)
YUV	220.5590, 5.6404, 10.9108
Hunter-Lab	83.8074, 6.0418, -2.2527

Details

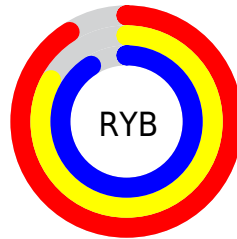
The Yxy color **70.2368, 0.3144, 0.3080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0485, 0.3110, 0.3509**, and the grayscale version is **71.9345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5956, 0.3149, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **59.3593, 0.3164, 0.2840**, and if you desaturate by 10%, it is **82.8009, 0.3125, 0.3313**.

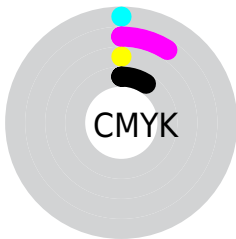
Distribution



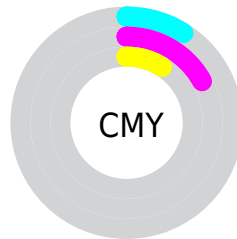
- Red (91%)
- Green (83%)
- Blue (91%)



- Red (91%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2368, 0.3144, 0.3080 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 70.2368, 0.3144, 0.3080 by changing the saturation by 10% instead.


 70.2368, 0.3144,
0.3080

 70.2368, 0.3144,
0.3080


461.3810, 0.3137,
0.3176

 51.7196, 0.3145,
0.3058


119.5464, 0.3142,
0.3113

 36.7816, 0.3147,
0.3031


151.1076, 0.3141,
0.3126

 25.0385, 0.3149,
0.2998


187.7855, 0.3140,
0.3137

 16.1057, 0.3152,
0.2954

229.9647, 0.3139,
0.3147

 9.5990, 0.3155,
0.2894

278.0294, 0.3139,
0.3156

 5.1339, 0.3158,
0.2809

332.3641, 0.3138,

 2.3260, 0.3162,

0.3163

0.2678

393.3532, 0.3137,
0.3170

0.7874, 0.3168,
0.2443

0.0000, 0.0000,
0.0000

70.2368, 0.3144,
0.3080

70.2368, 0.3144,
0.3080

59.3593, 0.3164,
0.2840

82.8009, 0.3125,
0.3313

50.0877, 0.3186,
0.2600

94.7807, 0.3110,
0.3500

42.3482, 0.3209,
0.2368

94.8422, 0.3104,
0.3489

36.0579, 0.3232,
0.2153

94.9041, 0.3098,
0.3478

31.1258, 0.3254,
0.1965

94.9663, 0.3092,
0.3468

27.4508, 0.3276,
0.1813

95.0289, 0.3086,
0.3457

24.9178, 0.3295,
0.1703

95.0919, 0.3080,
0.3446

23.3903, 0.3313,
0.1637

95.1553, 0.3074,
0.3435

22.6600, 0.3327,
0.1609

95.2190, 0.3068,
0.3424

Harmonies

Analogous

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



70.2368, 0.2990, 0.3028



70.2368, 0.3144, 0.3080



70.2368, 0.3297, 0.3185

Triad

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



70.2368, 0.3144, 0.3080



70.2368, 0.3384, 0.3539



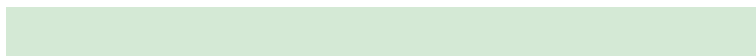
70.2368, 0.2856, 0.3252

Complementary

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



70.2368, 0.3144, 0.3080



77.0485, 0.3110, 0.3509

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.



70.2368, 0.2957, 0.3397



70.2368, 0.3144, 0.3080



70.2368, 0.3261, 0.3566

Square

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



70.2368, 0.3144, 0.3080



70.2368, 0.3437, 0.3447



70.2368, 0.3104, 0.3514



70.2368, 0.2826, 0.3122

Rectangle

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



70.2368, 0.3144, 0.3080



70.2368, 0.3377, 0.3272



70.2368, 0.3104, 0.3514



70.2368, 0.2883, 0.3301

Sweetspot

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



70.2398, 0.3144, 0.3080



95.1933, 0.3133, 0.3220



67.0859, 0.2993, 0.3060



20.1073, 0.3134, 0.3202



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.



70.2398, 0.3144, 0.3080



83.3084, 0.3148, 0.3031



69.6771, 0.3214, 0.3186



15.3012, 0.3145, 0.3068



12.8378, 0.3327, 0.1606



1.0118, 0.3309, 0.1597

Inverse Universe

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



70.2398, 0.3144, 0.3080



83.3084, 0.3148, 0.3031



77.5826, 0.3048, 0.3396



15.3012, 0.3145, 0.3068



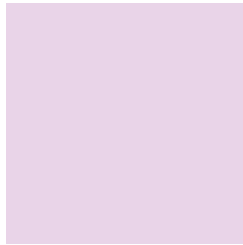
12.8378, 0.3327, 0.1606



1.0118, 0.3309, 0.1597

Previews

White Background



This preview shows how the Yxy color 70.2368, 0.3144, 0.3080 looks on a white background.

Color Contrast Check

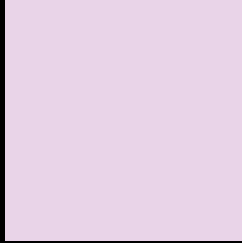
Large Text (above 18pt) WCAG AA × Fail

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 70.2368, 0.3144, 0.3080 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

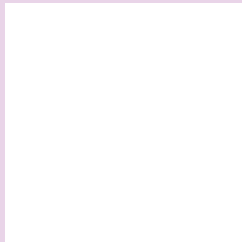
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2368, 0.3144, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 70.2368, 0.3144, 0.3080.



This preview shows how white text looks on a background with the Yxy color 70.2368, 0.3144, 0.3080.

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

70.2368, 0.3144, 0.3080

Protanopia

70.3756, 0.3009, 0.3095

Deuteranopia

70.2368, 0.3144, 0.3080



Tritanopia

70.0677, 0.3165, 0.3111

Trichromacy



Original Color

70.2368, 0.3144, 0.3080

Protanomaly

70.2294, 0.3058, 0.3086

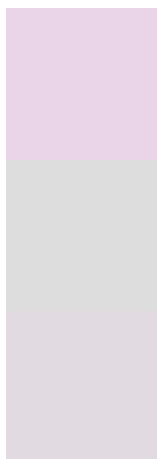
Deuteranomaly

70.2368, 0.3144, 0.3080

Tritanomaly

70.1238, 0.3158, 0.3100

Monochromacy



Original Color

70.2368, 0.3144, 0.3080

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5866, 0.3131, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2368, 0.3144, 0.3080 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(233, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 232)  
}
```

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(233, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 232) }
```

Border

The CSS property to change the border of an element to Yxy 70.2368, 0.3144, 0.3080 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(233, 212, 232) }
```

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

```
.border{ border-color:rgb(233, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2368, 0.3144, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 232) }
```

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

```
.background{ background-color: rgb(233,  
212, 232) }
```

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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