

Converting Colors

$Yxy(60.7082, 0.3264, 0.3083)$

Have a look what the booklet for
Yxy(60.7082, 0.3264, 0.3083)
contains.

Yxy(60.7082, 0.3264, 0.3083)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7082, 0.3264, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	E6C3D6
RGB	230, 195, 214
RGB Percent	90%, 76%, 84%
CMY	0.0982, 0.2352, 0.1609
CMYK	0.00, 0.15, 0.07, 0.10
HSL	327°, 41%, 83%
HSV	327°, 15%, 90%
XYZ	64.2723, 60.7082, 71.9322
YIQ	207.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

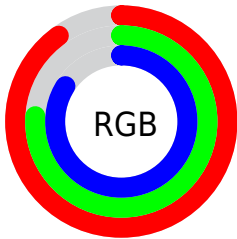
Format	Color
R _Y B	230, 195, 214
Decimal	15123414
CIE Lab	82.22, 15.50, -4.84
CIE LCh	82, 16.235, 342.655
Yxy	60.7082, 0.3264, 0.3083
Android (android.graphics.Color)	4293313494 (0xFFE6C3D6)
YUV	207.6310, 3.1399, 19.6176
Hunter-Lab	77.9155, 10.8922, -0.1962

Details

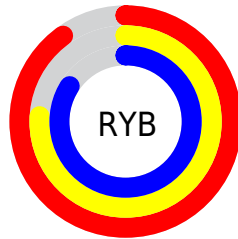
The Yxy color **60.7082, 0.3264, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8774, 0.3010, 0.3507**, and the grayscale version is **62.7957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.5516, 0.3300, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **50.6655, 0.3377, 0.2939**, and if you desaturate by 10%, it is **72.3778, 0.3170, 0.3221**.

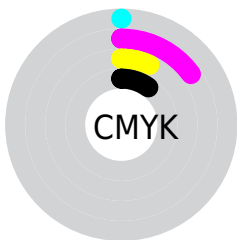
Distribution



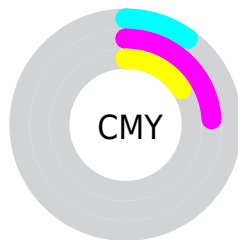
- Red (90%)
- Green (76%)
- Blue (84%)



- Red (90%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7082, 0.3264, 0.3083 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 60.7082, 0.3264, 0.3083 by changing the saturation by 10% instead.

 60.7082, 0.3264,
0.3083

 60.7082, 0.3264,
0.3083


427.2033, 0.3199,
0.3180

 43.9897, 0.3279,
0.3060


 105.8563, 0.3241,
0.3117

 30.6624, 0.3298,
0.3032


135.0547, 0.3233,
0.3130

 20.3419, 0.3322,
0.2996


169.1819, 0.3225,
0.3142

 12.6438, 0.3354,
0.2948

208.6223, 0.3219,
0.3151

 7.1838, 0.3399,
0.2882

253.7602, 0.3213,
0.3160

 3.5773, 0.3466,
0.2784

304.9801, 0.3208,

 1.4400, 0.3576,

0.3168

0.2625

362.6663, 0.3203,
0.3174

0.2459, 0.4180,
0.1680

0.0000, 0.0000,
0.0000

60.7082, 0.3264,
0.3083

60.7082, 0.3264,
0.3083

50.6655, 0.3377,
0.2939

72.3778, 0.3170,
0.3221

42.1688, 0.3511,
0.2794

85.7347, 0.3091,
0.3352

35.1419, 0.3668,
0.2654

94.9608, 0.3027,
0.3385

29.4994, 0.3848,
0.2527

95.5556, 0.2975,
0.3290

■ 25.1465, 0.4048,
0.2426

■ 21.9769, 0.4264,
0.2363

■ 19.8665, 0.4486,
0.2348

■ 18.6633, 0.4704,
0.2388

■ 18.2902, 0.4806,
0.2421

Harmonies

Analogous

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



60.7082, 0.3053, 0.2974



60.7082, 0.3264, 0.3083



60.7082, 0.3442, 0.3244

Triad

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



60.7082, 0.3264, 0.3083



60.7082, 0.3385, 0.3653



60.7082, 0.2737, 0.3137

Complementary

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



60.7082, 0.3264, 0.3083



72.8774, 0.3010, 0.3507

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.



60.7082, 0.2820, 0.3326



60.7082, 0.3264, 0.3083



60.7082, 0.3191, 0.3633

Square

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



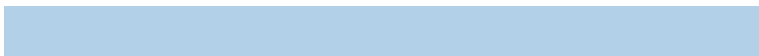
60.7082, 0.3264, 0.3083



60.7082, 0.3512, 0.3572



60.7082, 0.2984, 0.3511



60.7082, 0.2754, 0.2999

Rectangle

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



60.7082, 0.3264, 0.3083



60.7082, 0.3516, 0.3362



60.7082, 0.2984, 0.3511



60.7082, 0.2754, 0.3197

Sweetspot

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



60.7109, 0.3264, 0.3083



91.7632, 0.3168, 0.3223



58.5632, 0.2998, 0.2898



19.4027, 0.3174, 0.3214



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.



60.7109, 0.3264, 0.3083



72.8507, 0.3295, 0.3042



59.8778, 0.3398, 0.3271



14.4982, 0.3208, 0.3163



10.3845, 0.4775, 0.2404



0.7861, 0.4483, 0.2243

Inverse Universe

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



60.7109, 0.3264, 0.3083



72.8507, 0.3295, 0.3042



73.7871, 0.2907, 0.3309



14.4982, 0.3208, 0.3163



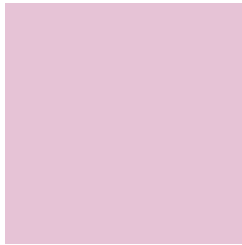
10.3845, 0.4775, 0.2404



0.7861, 0.4483, 0.2243

Previews

White Background



This preview shows how the Yxy color 60.7082, 0.3264, 0.3083 looks on a white background.

Color Contrast Check

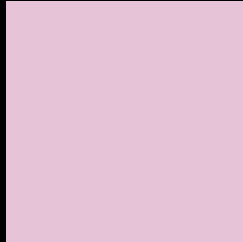
Large Text (above 18pt) WCAG AA × Fail

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 60.7082, 0.3264, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

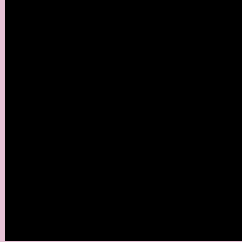
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7082, 0.3264, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 60.7082, 0.3264, 0.3083.



This preview shows how white text looks on a background with the Yxy color 60.7082, 0.3264, 0.3083.

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

60.7082, 0.3264, 0.3083

Protanopia

60.6637, 0.3023, 0.3106

Deuteranopia

61.0231, 0.3197, 0.3134



Tritanopia

61.0060, 0.3286, 0.3126

Trichromacy



Original Color

60.7082, 0.3264, 0.3083

Protanomaly

60.4644, 0.3105, 0.3097

Deuteranomaly

61.0396, 0.3221, 0.3124

Tritanomaly

61.0563, 0.3278, 0.3115

Monochromacy



Original Color

60.7082, 0.3264, 0.3083

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9639, 0.3177, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7082, 0.3264, 0.3083 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(230, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(230, 195, 214)  
}
```

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(230, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 195, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.7082, 0.3264, 0.3083 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(230, 195, 214) }
```

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

```
.border{ border-color:rgb(230, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(230, 195,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7082, 0.3264, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 195, 214) }
```

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

```
.background{ background-color: rgb(230,  
195, 214) }
```

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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