

Converting Colors

Yxy(72.9633, 0.3157, 0.3050)

Have a look what the booklet for
Yxy(72.9633, 0.3157, 0.3050)
contains.

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Color

Yxy(72.7914, 0.3153, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	F0D6EE
RGB	240, 214, 238
RGB Percent	94%, 84%, 93%
CMY	0.0590, 0.1607, 0.0668
CMYK	0.00, 0.11, 0.01, 0.06
HSL	305°, 46%, 89%
HSV	305°, 11%, 94%
XYZ	75.3979, 72.7914, 90.9414
YIQ	224.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

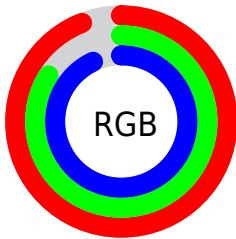
Format	Color
R_{YB}	240, 214, 238
Decimal	15783662
CIE _{Lab}	88.35, 13.08, -8.44
CIE _{LCh}	88, 15.564, 327.166
Yxy	72.7914, 0.3153, 0.3044
Android (android.graphics.Color)	4293973742 (0xFFFF0D6EE)
YUV	224.5100, 6.6506, 13.5847
Hunter-Lab	85.3179, 8.4394, -3.4755

Details

The Yxy color **72.7914, 0.3153, 0.3044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5495, 0.3102, 0.3549**, and the grayscale version is **74.8698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3640, 0.3160, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **61.4213, 0.3180, 0.2810**, and if you desaturate by 10%, it is **85.9579, 0.3129, 0.3272**.

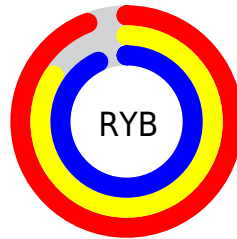
Distribution



Red (94%)

Green (84%)

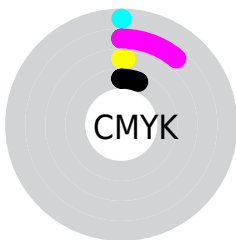
Blue (93%)



Red (94%)

Yellow (84%)

Blue (93%)

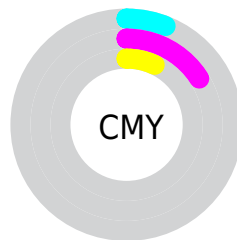


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (6%)



Cyan (6%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7914, 0.3153, 0.3044 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 72.7914, 0.3153, 0.3044 by changing the saturation by 10% instead.

 72.7914, 0.3153,
0.3044

 72.7914, 0.3153,
0.3044


470.2915, 0.3142,
0.3156

 53.8054, 0.3155,
0.3019

123.1810, 0.3149,
0.3082

 38.4461, 0.3158,
0.2988


155.3535, 0.3148,
0.3097

 26.3291, 0.3161,
0.2950


192.6902, 0.3147,
0.3110

 17.0700, 0.3165,
0.2900

235.5755, 0.3146,
0.3122

 10.2844, 0.3170,
0.2834

284.3939, 0.3145,
0.3132

 5.5879, 0.3176,
0.2740

339.5298, 0.3144,

 2.5962, 0.3183,

0.3141

0.2598

401.3676, 0.3143,
0.3149

0.9247, 0.3190,
0.2360

0.0000, 0.2712,
0.0000

72.7914, 0.3153,
0.3044

72.7914, 0.3153,
0.3044

61.4213, 0.3180,
0.2810

85.9579, 0.3129,
0.3272

51.7604, 0.3209,
0.2577

96.4256, 0.3111,
0.3422

43.7280, 0.3240,
0.2352

96.5361, 0.3100,
0.3404

37.2336, 0.3272,
0.2146

96.6477, 0.3090,
0.3385

■ 32.1775, 0.3304,
0.1967

■ 96.7604, 0.3079,
0.3367

■ 28.4486, 0.3335,
0.1826

■ 96.8742, 0.3069,
0.3349

■ 25.9193, 0.3365,
0.1727

■ 96.9891, 0.3059,
0.3331

■ 24.4373, 0.3392,
0.1672

■ 97.1051, 0.3048,
0.3313

■ 23.7703, 0.3414,
0.1655

■ 97.2223, 0.3038,
0.3295

Harmonies

Analogous

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



72.7914, 0.2968, 0.2979



72.7914, 0.3153, 0.3044



72.7914, 0.3336, 0.3169

Triad

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



72.7914, 0.3153, 0.3044



72.7914, 0.3430, 0.3590



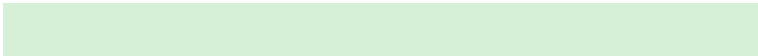
72.7914, 0.2802, 0.3238

Complementary

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



72.7914, 0.3153, 0.3044



81.5495, 0.3102, 0.3549

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.



72.7914, 0.2919, 0.3413



72.7914, 0.3153, 0.3044



72.7914, 0.3280, 0.3620

Square

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



72.7914, 0.3153, 0.3044



72.7914, 0.3498, 0.3480



72.7914, 0.3093, 0.3555



72.7914, 0.2770, 0.3085

Rectangle

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



72.7914, 0.3153, 0.3044



72.7914, 0.3430, 0.3273



72.7914, 0.3093, 0.3555



72.7914, 0.2832, 0.3296

Sweetspot

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



72.7946, 0.3153, 0.3044



95.1782, 0.3134, 0.3223



68.9566, 0.2969, 0.3010



20.1032, 0.3136, 0.3204



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.



72.7946, 0.3153, 0.3044



80.4809, 0.3159, 0.2992



72.0737, 0.3240, 0.3173



16.0094, 0.3150, 0.3075



13.0273, 0.3411, 0.1653



1.0899, 0.3381, 0.1636

Inverse Universe

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



72.7946, 0.3153, 0.3044



80.4809, 0.3159, 0.2992



82.2327, 0.3026, 0.3410



16.0094, 0.3150, 0.3075



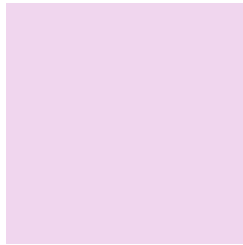
13.0273, 0.3411, 0.1653



1.0899, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 72.7914, 0.3153, 0.3044 looks on a white background.

Color Contrast Check

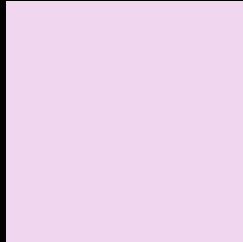
Large Text (above 18pt) WCAG AA × Fail

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 72.7914, 0.3153, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

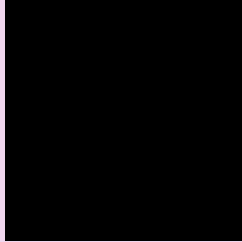
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7914, 0.3153, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 72.7914, 0.3153, 0.3044.



This preview shows how white text looks on a background with the Yxy color 72.7914, 0.3153, 0.3044.

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

72.7914, 0.3153, 0.3044

Protanopia

72.8128, 0.2986, 0.3056

Deuteranopia

72.6068, 0.3124, 0.3052



Tritanopia

72.7778, 0.3186, 0.3114

Trichromacy



Original Color

72.7914, 0.3153, 0.3044

Protanomaly

72.8246, 0.3040, 0.3048

Deuteranomaly

72.7784, 0.3131, 0.3052

Tritanomaly

72.8921, 0.3173, 0.3094

Monochromacy



Original Color

72.7914, 0.3153, 0.3044

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.2491, 0.3132, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7914, 0.3153, 0.3044 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, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 238)  
}
```

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, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 238) }
```

Border

The CSS property to change the border of an element to Yxy 72.7914, 0.3153, 0.3044 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, 214, 238) }
```

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

```
.border{ border-color:rgb(240, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7914, 0.3153, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 238) }
```

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

```
.background{ background-color: rgb(240,  
214, 238) }
```

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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