

Converting Colors

$Yxy(72.6573, 0.3204, 0.3141)$

Have a look what the booklet for
Yxy(72.6573, 0.3204, 0.3141)
contains.

Yxy(72.6087, 0.3207, 0.3145)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6087, 0.3207, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	EFD7E5
RGB	239, 215, 229
RGB Percent	94%, 84%, 90%
CMY	0.0627, 0.1568, 0.1021
CMYK	0.00, 0.10, 0.04, 0.06
HSL	325°, 43%, 89%
HSV	325°, 10%, 94%
XYZ	74.0401, 72.6087, 84.2215
YIQ	223.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

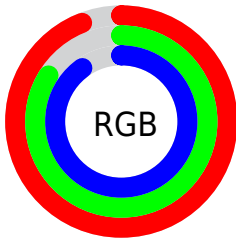
Format	Color
R _Y B	239, 215, 229
Decimal	15718373
CIE Lab	88.26, 10.66, -3.83
CIE LCh	88, 11.326, 340.231
Yxy	72.6087, 0.3207, 0.3145
Android (android.graphics.Color)	4293908453 (0xFFEFD7E5)
YUV	223.7720, 2.5774, 13.3550
Hunter-Lab	85.2107, 5.9809, 1.0459

Details

The Yxy color **72.6087, 0.3207, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6277, 0.3055, 0.3440**, and the grayscale version is **74.3481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2649, 0.3222, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **60.7730, 0.3302, 0.2994**, and if you desaturate by 10%, it is **86.2610, 0.3127, 0.3289**.

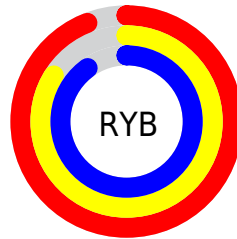
Distribution



Red (94%)

Green (84%)

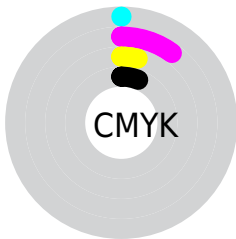
Blue (90%)



Red (94%)

Yellow (84%)

Blue (90%)

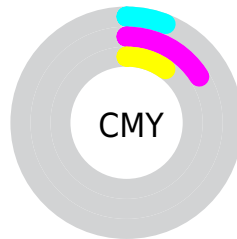


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6087, 0.3207, 0.3145 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 72.6087, 0.3207, 0.3145 by changing the saturation by 10% instead.

 72.6087, 0.3207,
0.3145

 72.6087, 0.3207,
0.3145


469.6575, 0.3170,
0.3211

 53.6561, 0.3215,
0.3130


122.9215, 0.3194,
0.3168

 38.3268, 0.3225,
0.3111


155.0506, 0.3189,
0.3177

 26.2364, 0.3238,
0.3088


192.3405, 0.3185,
0.3185

 17.0006, 0.3255,
0.3058

235.1757, 0.3181,
0.3191

 10.2349, 0.3278,
0.3017

283.9406, 0.3178,
0.3197

 5.5550, 0.3310,
0.2959

339.0196, 0.3175,

 2.5764, 0.3360,

0.3203

0.2868

400.7971, 0.3173,
0.3207

0.9148, 0.3448,
0.2712

0.0000, 0.5702,
0.0000

72.6087, 0.3207,
0.3145

72.6087, 0.3207,
0.3145

60.7730, 0.3302,
0.2994

86.2610, 0.3127,
0.3289

50.6672, 0.3415,
0.2838

96.7105, 0.3063,
0.3349

42.2114, 0.3548,
0.2685

97.0932, 0.3029,
0.3290

35.3159, 0.3700,
0.2541

■ 29.8822, 0.3872,
0.2417

■ 25.8007, 0.4059,
0.2324

■ 22.9458, 0.4255,
0.2276

■ 21.1685, 0.4453,
0.2279

■ 20.2193, 0.4643,
0.2332

Harmonies

Analogous

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



72.6087, 0.3068, 0.3076



72.6087, 0.3207, 0.3145



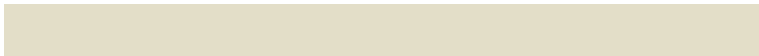
72.6087, 0.3326, 0.3251

Triad

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



72.6087, 0.3207, 0.3145



72.6087, 0.3306, 0.3526



72.6087, 0.2870, 0.3201

Complementary

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



72.6087, 0.3207, 0.3145



81.6277, 0.3055, 0.3440

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.



72.6087, 0.2931, 0.3325



72.6087, 0.3207, 0.3145



72.6087, 0.3182, 0.3516

Square

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



72.6087, 0.3207, 0.3145



72.6087, 0.3384, 0.3471



72.6087, 0.3044, 0.3442



72.6087, 0.2876, 0.3105

Rectangle

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



72.6087, 0.3207, 0.3145



72.6087, 0.3377, 0.3331



72.6087, 0.3044, 0.3442



72.6087, 0.2884, 0.3241

Sweetspot

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



72.6119, 0.3207, 0.3145



95.0115, 0.3150, 0.3247



70.8447, 0.3039, 0.3035



20.0581, 0.3156, 0.3236



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.



72.6119, 0.3207, 0.3145



81.2097, 0.3225, 0.3115



71.9662, 0.3290, 0.3269



15.9131, 0.3202, 0.3153



11.1989, 0.4614, 0.2316



0.9514, 0.4378, 0.2186

Inverse Universe

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



72.6119, 0.3207, 0.3145



81.2097, 0.3225, 0.3115



82.3043, 0.2984, 0.3311



15.9131, 0.3202, 0.3153



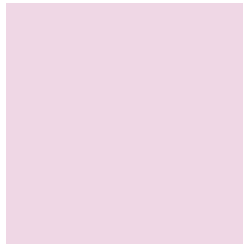
11.1989, 0.4614, 0.2316



0.9514, 0.4378, 0.2186

Previews

White Background



This preview shows how the Yxy color 72.6087, 0.3207, 0.3145 looks on a white background.

Color Contrast Check

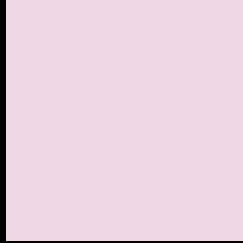
Large Text (above 18pt) WCAG AA × Fail

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 72.6087, 0.3207, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

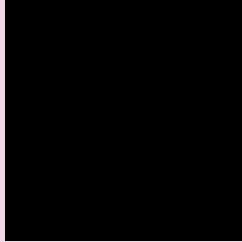
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6087, 0.3207, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 72.6087, 0.3207, 0.3145.

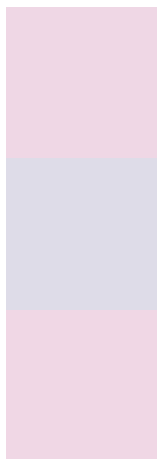


This preview shows how white text looks on a background with the Yxy color 72.6087, 0.3207, 0.3145.

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

72.6087, 0.3207, 0.3145

Protanopia

72.5422, 0.3063, 0.3161

Deuteranopia

72.7833, 0.3214, 0.3145



Tritanopia

72.7211, 0.3193, 0.3124

Trichromacy



Original Color

72.6087, 0.3207, 0.3145

Protanomaly

72.4063, 0.3112, 0.3152

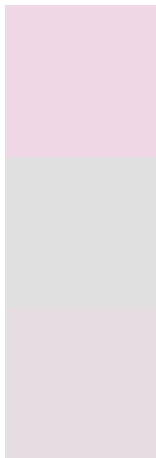
Deuteranomaly

72.7833, 0.3214, 0.3145

Tritanomaly

72.6648, 0.3200, 0.3134

Monochromacy



Original Color

72.6087, 0.3207, 0.3145

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8619, 0.3151, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6087, 0.3207, 0.3145 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(239, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 229)  
}
```

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(239, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.6087, 0.3207, 0.3145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

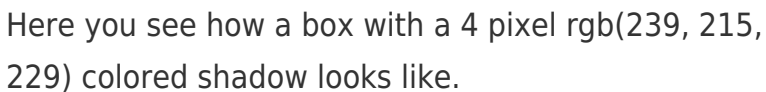
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 215, 229) }
```

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

```
.border{ border-color:rgb(239, 215, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 215, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 215, 229); box-shadow:4px 4px 4px 4px rgb(239, 215, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6087, 0.3207, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 229) }
```

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

```
.background{ background-color: rgb(239,  
215, 229) }
```

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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