

Converting Colors

$Yxy(72.6344, 0.3154, 0.3163)$

Have a look what the booklet for
Yxy(72.6344, 0.3154, 0.3163)
contains.

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Color

Yxy(72.4387, 0.3155, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9E5
RGB	232, 217, 229
RGB Percent	91%, 85%, 90%
CMY	0.0901, 0.1490, 0.1021
CMYK	0.00, 0.06, 0.01, 0.09
HSL	312°, 25%, 88%
HSV	312°, 6%, 91%
XYZ	72.2326, 72.4387, 84.2752
YIQ	222.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

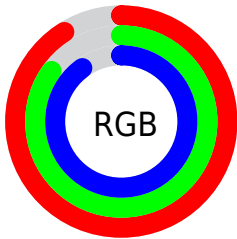
Format	Color
R _Y B	232, 217, 229
Decimal	15260133
CIE Lab	88.18, 7.23, -4.01
CIE LCh	88, 8.272, 331.001
Yxy	72.4387, 0.3155, 0.3164
Android (android.graphics.Color)	4293450213 (0xFFE8D9E5)
YUV	222.8530, 3.0305, 8.0219
Hunter-Lab	85.1109, 2.5467, 0.8698

Details

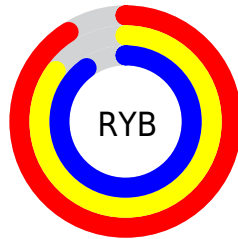
The Yxy color $72.4387, 0.3155, 0.3164$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.6430, 0.3100, 0.3419$, and the grayscale version is $73.6590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1268, 0.3154, 0.3126$ is the 20% darker color. If you saturate the color by 10%, you get $61.0500, 0.3204, 0.2963$, and if you desaturate by 10%, it is $85.5222, 0.3113, 0.3357$.

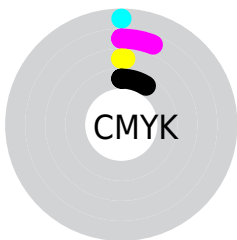
Distribution



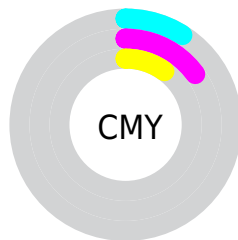
- Red (91%)
- Green (85%)
- Blue (90%)



- Red (91%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4387, 0.3155, 0.3164 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 72.4387, 0.3155, 0.3164 by changing the saturation by 10% instead.

72.4387, 0.3155,
0.3164

72.4387, 0.3155,
0.3164

469.0671, 0.3142,
0.3222

53.5171, 0.3158,
0.3151

122.6800, 0.3151,
0.3184

38.2157, 0.3161,
0.3135

154.7686, 0.3149,
0.3192

26.1502, 0.3166,
0.3114

192.0149, 0.3148,
0.3199

16.9360, 0.3171,
0.3088

234.8034, 0.3146,
0.3204

10.1889, 0.3179,
0.3052

283.5185, 0.3145,
0.3210

5.5244, 0.3189,
0.3000

338.5446, 0.3144,

2.5581, 0.3205,

0.3214

0.2920

400.2660, 0.3143,
0.3218

■ 0.9056, 0.3232,
0.2780

■ 0.0000, 0.0000,
0.0000

■ 72.4387, 0.3155,
0.3164

■ 72.4387, 0.3155,
0.3164

■ 61.0500, 0.3204,
0.2963

■ 85.5222, 0.3113,
0.3357

■ 51.2768, 0.3260,
0.2757

■ 94.8740, 0.3080,
0.3457

■ 43.0476, 0.3323,
0.2553

■ 95.1554, 0.3053,
0.3409

■ 36.2819, 0.3393,
0.2360

■ 95.4441, 0.3027,
0.3361

■ 30.8917, 0.3469,
0.2187

■ 95.7402, 0.3001,
0.3314

■ 26.7797, 0.3548,
0.2043

■ 95.8978, 0.2988,
0.3290

■ 23.8357, 0.3629,
0.1940

■ 21.9309, 0.3708,
0.1882

■ 20.9034, 0.3784,
0.1871

Harmonies

Analogous

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



72.4387, 0.3055, 0.3124



72.4387, 0.3155, 0.3164



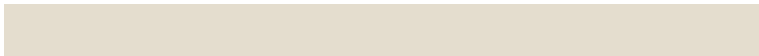
72.4387, 0.3249, 0.3236

Triad

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



72.4387, 0.3155, 0.3164



72.4387, 0.3280, 0.3454



72.4387, 0.2947, 0.3253

Complementary

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



72.4387, 0.3155, 0.3164



77.6430, 0.3100, 0.3419

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.



72.4387, 0.3006, 0.3344



72.4387, 0.3155, 0.3164



72.4387, 0.3198, 0.3462

Square

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



72.4387, 0.3155, 0.3164



72.4387, 0.3322, 0.3403



72.4387, 0.3097, 0.3421



72.4387, 0.2936, 0.3174

Rectangle

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



72.4387, 0.3155, 0.3164



72.4387, 0.3295, 0.3294



72.4387, 0.3097, 0.3421



72.4387, 0.2962, 0.3283

Sweetspot

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



72.4418, 0.3155, 0.3164



96.7225, 0.3136, 0.3251



70.6726, 0.3050, 0.3128



20.7369, 0.3135, 0.3253



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.



72.4418, 0.3155, 0.3164



87.4037, 0.3162, 0.3133



72.0344, 0.3206, 0.3242



14.5624, 0.3169, 0.3105



11.4840, 0.3799, 0.1867



0.8614, 0.3697, 0.1810

Inverse Universe

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



72.4418, 0.3155, 0.3164



87.4037, 0.3162, 0.3133



78.0470, 0.3054, 0.3338



14.5624, 0.3169, 0.3105



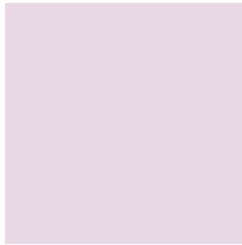
11.4840, 0.3799, 0.1867



0.8614, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 72.4387, 0.3155, 0.3164 looks on a white background.

Color Contrast Check

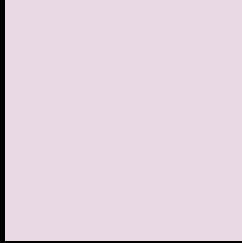
Large Text (above 18pt) WCAG AA × Fail

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 72.4387, 0.3155, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

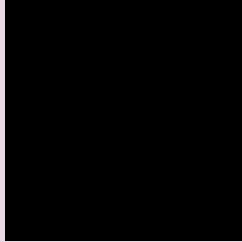
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

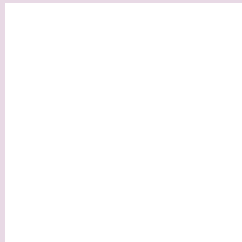
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4387, 0.3155, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 72.4387, 0.3155, 0.3164.

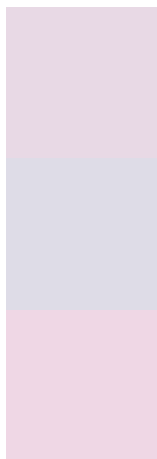


This preview shows how white text looks on a background with the Yxy color 72.4387, 0.3155, 0.3164.

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

72.4387, 0.3155, 0.3164

Protanopia

72.4855, 0.3069, 0.3172

Deuteranopia

72.6087, 0.3207, 0.3145



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.4387, 0.3155, 0.3164

Protanomaly

72.5450, 0.3104, 0.3173

Deuteranomaly

72.6017, 0.3184, 0.3154

Tritanomaly

72.2616, 0.3142, 0.3122

Monochromacy



Original Color

72.4387, 0.3155, 0.3164

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3179, 0.3136, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4387, 0.3155, 0.3164 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(232, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 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(232, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.4387, 0.3155, 0.3164 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(232, 217, 229) }
```

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

```
.border{ border-color:rgb(232, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4387, 0.3155, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 229) }
```

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

```
.background{ background-color: rgb(232,  
217, 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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