

Converting Colors

$Yxy(72.0986, 0.3183, 0.3203)$

Have a look what the booklet for
Yxy(72.0986, 0.3183, 0.3203)
contains.

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Color

Yxy(72.2178, 0.3182, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9E1
RGB	232, 217, 225
RGB Percent	91%, 85%, 88%
CMY	0.0899, 0.1491, 0.1176
CMYK	0.00, 0.06, 0.03, 0.09
HSL	328°, 25%, 88%
HSV	328°, 6%, 91%
XYZ	71.6995, 72.2178, 81.4112
YIQ	222.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

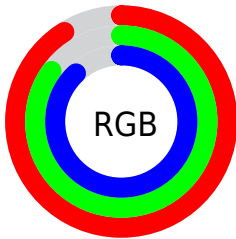
Format	Color
R _Y B	232, 217, 225
Decimal	15260129
CIE Lab	88.07, 6.57, -2.09
CIE LCh	88, 6.891, 342.354
Yxy	72.2178, 0.3182, 0.3205
Android (android.graphics.Color)	4293450209 (0xFFE8D9E1)
YUV	222.3970, 1.2833, 8.4218
Hunter-Lab	84.9811, 1.8858, 2.6874

Details

The Yxy color **72.2178, 0.3182, 0.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8807, 0.3076, 0.3377**, and the grayscale version is **73.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9730, 0.3189, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **60.5156, 0.3280, 0.3068**, and if you desaturate by 10%, it is **85.6458, 0.3100, 0.3334**.

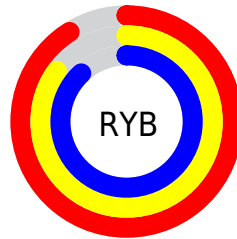
Distribution



Red (91%)

Green (85%)

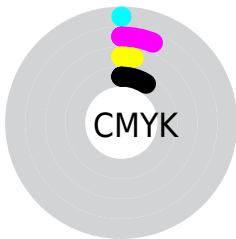
Blue (88%)



Red (91%)

Yellow (85%)

Blue (88%)

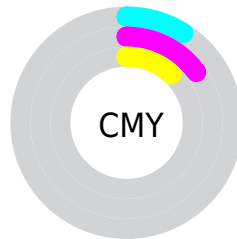


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2178, 0.3182, 0.3205 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 72.2178, 0.3182, 0.3205 by changing the saturation by 10% instead.


 72.2178, 0.3182,
0.3205

 72.2178, 0.3182,
0.3205


468.2993, 0.3157,
0.3244

 53.3366, 0.3188,
0.3196

122.3661, 0.3173,
0.3219

 38.0716, 0.3195,
0.3185


154.4021, 0.3170,
0.3224

 26.0382, 0.3204,
0.3171


191.5917, 0.3167,
0.3228

 16.8522, 0.3216,
0.3153

234.3195, 0.3164,
0.3232

 10.1292, 0.3232,
0.3128

282.9697, 0.3162,
0.3236

 5.4847, 0.3255,
0.3093

337.9268, 0.3160,

 2.5344, 0.3291,

0.3239

0.3037

399.5752, 0.3158,
0.3242

0.8938, 0.3356,
0.2938

0.0000, 0.0000,
0.0000

72.2178, 0.3182,
0.3205

72.2178, 0.3182,
0.3205

60.5156, 0.3280,
0.3068

85.6458, 0.3100,
0.3334

50.4593, 0.3398,
0.2926

95.3824, 0.3034,
0.3373

41.9766, 0.3538,
0.2783

95.9063, 0.2988,
0.3290

34.9863, 0.3702,
0.2647

■ 29.3996, 0.3889,
0.2525

■ 25.1184, 0.4098,
0.2430

■ 22.0317, 0.4321,
0.2375

■ 20.0097, 0.4549,
0.2369

■ 18.8893, 0.4771,
0.2419

Harmonies

Analogous

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



72.2178, 0.3098, 0.3160



72.2178, 0.3182, 0.3205



72.2178, 0.3252, 0.3272

Triad

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



72.2178, 0.3182, 0.3205



72.2178, 0.3232, 0.3434



72.2178, 0.2969, 0.3232

Complementary

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



72.2178, 0.3182, 0.3205



77.8807, 0.3076, 0.3377

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.



72.2178, 0.3004, 0.3307



72.2178, 0.3182, 0.3205



72.2178, 0.3155, 0.3425

Square

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



72.2178, 0.3182, 0.3205



72.2178, 0.3281, 0.3404



72.2178, 0.3071, 0.3378



72.2178, 0.2975, 0.3175

Rectangle

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



72.2178, 0.3182, 0.3205



72.2178, 0.3281, 0.3321



72.2178, 0.3071, 0.3378



72.2178, 0.2976, 0.3256

Sweetspot

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



72.2209, 0.3182, 0.3205



96.6367, 0.3143, 0.3264



71.2973, 0.3077, 0.3129



20.7195, 0.3143, 0.3265



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.



72.2209, 0.3182, 0.3205



87.0697, 0.3196, 0.3184



71.8184, 0.3234, 0.3285



15.1883, 0.3209, 0.3165



10.6845, 0.4816, 0.2426



0.8584, 0.4532, 0.2270

Inverse Universe

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



72.2209, 0.3182, 0.3205



87.0697, 0.3196, 0.3184



78.2990, 0.3029, 0.3295



15.1883, 0.3209, 0.3165



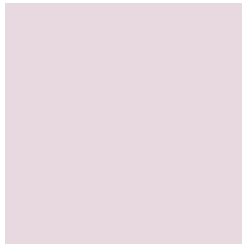
10.6845, 0.4816, 0.2426



0.8584, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 72.2178, 0.3182, 0.3205 looks on a white background.

Color Contrast Check

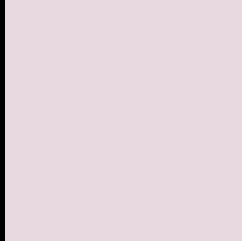
Large Text (above 18pt) WCAG AA × Fail

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 72.2178, 0.3182, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

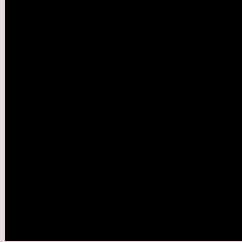
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

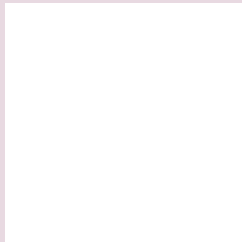
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2178, 0.3182, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 72.2178, 0.3182, 0.3205.

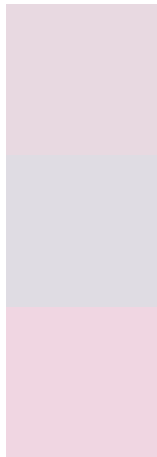


This preview shows how white text looks on a background with the Yxy color 72.2178, 0.3182, 0.3205.

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

72.2178, 0.3182, 0.3205

Protanopia

72.4204, 0.3102, 0.3215

Deuteranopia

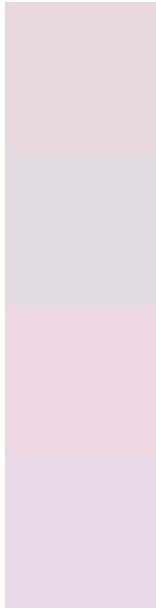
72.1094, 0.3236, 0.3165



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.2178, 0.3182, 0.3205

Protanomaly

72.3228, 0.3131, 0.3215

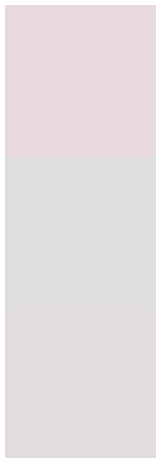
Deuteranomaly

72.0964, 0.3213, 0.3175

Tritanomaly

72.1485, 0.3156, 0.3143

Monochromacy



Original Color

72.2178, 0.3182, 0.3205

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6829, 0.3150, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2178, 0.3182, 0.3205 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.2178, 0.3182, 0.3205 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, 225) }
```

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

```
.border{ border-color:rgb(232, 217, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2178, 0.3182, 0.3205 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, 225) }
```

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

```
.background{ background-color: rgb(232,  
217, 225) }
```

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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