

Converting Colors

$Yxy(73.1763, 0.3204, 0.3186)$

Have a look what the booklet for
Yxy(73.1763, 0.3204, 0.3186)
contains.

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Color

Yxy(73.1763, 0.3204, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	EDD9E3
RGB	237, 217, 227
RGB Percent	93%, 85%, 89%
CMY	0.0708, 0.1489, 0.1098
CMYK	0.00, 0.08, 0.04, 0.07
HSL	330°, 36%, 89%
HSV	330°, 8%, 93%
XYZ	73.5897, 73.1763, 82.9148
YIQ	224.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

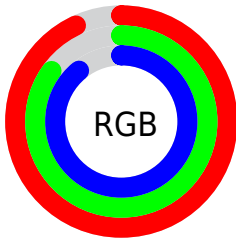
Format	Color
R_{YB}	237, 217, 227
Decimal	15587811
CIE Lab	88.53, 8.56, -2.41
CIE LCh	89, 8.889, 344.273
Yxy	73.1763, 0.3204, 0.3186
Android (android.graphics.Color)	4293777891 (0xFFEDD9E3)
YUV	224.1200, 1.4198, 11.2958
Hunter-Lab	85.5431, 3.8567, 2.4119

Details

The Yxy color **73.1763, 0.3204, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.8396, 0.3057, 0.3396**, and the grayscale version is **74.6143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6430, 0.3219, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **61.1957, 0.3313, 0.3056**, and if you desaturate by 10%, it is **86.9620, 0.3114, 0.3309**.

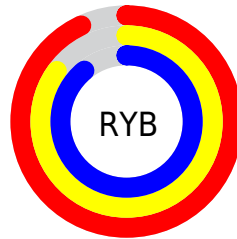
Distribution



Red (93%)

Green (85%)

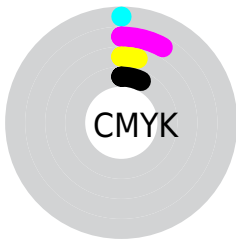
Blue (89%)



Red (93%)

Yellow (85%)

Blue (89%)

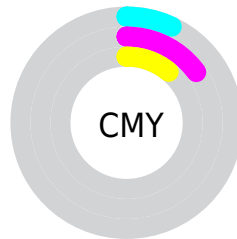


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1763, 0.3204, 0.3186 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 73.1763, 0.3204, 0.3186 by changing the saturation by 10% instead.

 73.1763, 0.3204,
0.3186

 73.1763, 0.3204,
0.3186

471.6256, 0.3169,
0.3234

 54.1201, 0.3212,
0.3175


123.7275, 0.3192,
0.3203

 38.6977, 0.3222,
0.3162


155.9912, 0.3187,
0.3209

 26.5246, 0.3234,
0.3145


193.4263, 0.3183,
0.3215

 17.2165, 0.3251,
0.3123


236.4172, 0.3179,
0.3219

 10.3890, 0.3273,
0.3093

285.3481, 0.3176,
0.3224

 5.6576, 0.3305,
0.3051

340.6036, 0.3173,

 2.6380, 0.3355,

0.3227

0.2985

402.5679, 0.3171,
0.3231

0.9458, 0.3443,
0.2869

0.0000, 1.0000,
0.0000

73.1763, 0.3204,
0.3186

73.1763, 0.3204,
0.3186

61.1957, 0.3313,
0.3056

86.9620, 0.3114,
0.3309

50.9353, 0.3443,
0.2922

96.4601, 0.3041,
0.3332

42.3177, 0.3599,
0.2787

96.7359, 0.3017,
0.3290

35.2558, 0.3781,
0.2661

■ 29.6544, 0.3989,
0.2551

■ 25.4077, 0.4220,
0.2470

■ 22.3953, 0.4466,
0.2431

■ 20.4754, 0.4714,
0.2444

■ 19.4451, 0.4953,
0.2510

Harmonies

Analogous

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



73.1763, 0.3096, 0.3126



73.1763, 0.3204, 0.3186



73.1763, 0.3292, 0.3273

Triad

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



73.1763, 0.3204, 0.3186



73.1763, 0.3256, 0.3476



73.1763, 0.2923, 0.3209

Complementary

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



73.1763, 0.3204, 0.3186



80.8396, 0.3057, 0.3396

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.



73.1763, 0.2964, 0.3305



73.1763, 0.3204, 0.3186



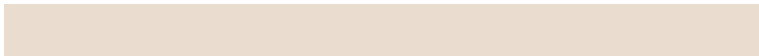
73.1763, 0.3156, 0.3461

Square

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



73.1763, 0.3204, 0.3186



73.1763, 0.3323, 0.3440



73.1763, 0.3049, 0.3398



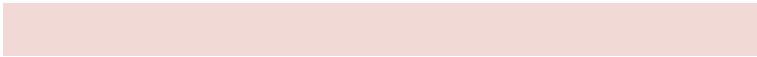
73.1763, 0.2935, 0.3138

Rectangle

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



73.1763, 0.3204, 0.3186



73.1763, 0.3328, 0.3335



73.1763, 0.3049, 0.3398



73.1763, 0.2931, 0.3240

Sweetspot

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



73.1795, 0.3204, 0.3186



94.9721, 0.3153, 0.3253



72.0240, 0.3064, 0.3079



20.0475, 0.3161, 0.3244



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.



73.1795, 0.3204, 0.3186



84.0023, 0.3220, 0.3165



72.6619, 0.3270, 0.3287



15.1798, 0.3214, 0.3173



10.5784, 0.4954, 0.2503



0.8501, 0.4647, 0.2334

Inverse Universe

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



73.1795, 0.3204, 0.3186



84.0023, 0.3220, 0.3165



81.3869, 0.2999, 0.3293



15.1798, 0.3214, 0.3173



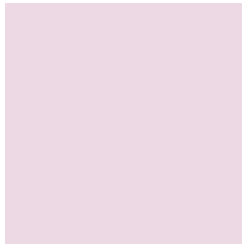
10.5784, 0.4954, 0.2503



0.8501, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 73.1763, 0.3204, 0.3186 looks on a white background.

Color Contrast Check

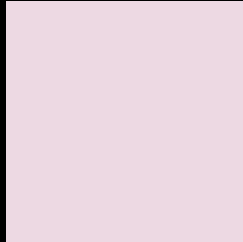
Large Text (above 18pt) WCAG AA × Fail

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 73.1763, 0.3204, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

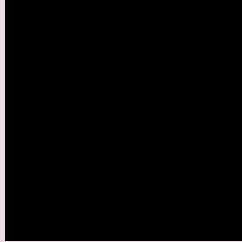
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

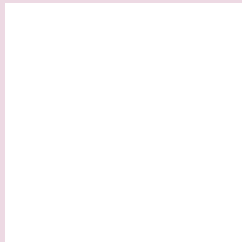
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1763, 0.3204, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 73.1763, 0.3204, 0.3186.

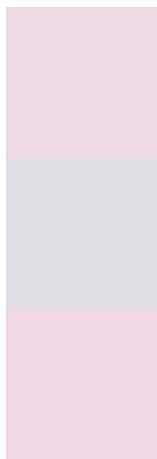


This preview shows how white text looks on a background with the Yxy color 73.1763, 0.3204, 0.3186.

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

73.1763, 0.3204, 0.3186

Protanopia

73.2173, 0.3096, 0.3204

Deuteranopia

72.8477, 0.3235, 0.3166



Tritanopia

73.1721, 0.3171, 0.3114

Trichromacy



Original Color

73.1763, 0.3204, 0.3186

Protanomaly

73.4458, 0.3138, 0.3205

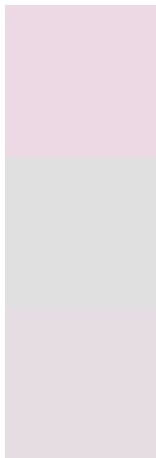
Deuteranomaly

73.1830, 0.3227, 0.3176

Tritanomaly

73.0584, 0.3185, 0.3134

Monochromacy



Original Color

73.1763, 0.3204, 0.3186

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8072, 0.3158, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1763, 0.3204, 0.3186 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(237, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(237, 217, 227)  
}
```

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(237, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 227) }
```

Border

The CSS property to change the border of an element to Yxy 73.1763, 0.3204, 0.3186 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(237, 217, 227) }
```

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

```
.border{ border-color:rgb(237, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1763, 0.3204, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 227) }
```

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

```
.background{ background-color: rgb(237,  
217, 227) }
```

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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