

Converting Colors

$Y_{xy}(75.6003, 0.3211, 0.3187)$

Have a look what the booklet for
Yxy(75.6003, 0.3211, 0.3187)
contains.

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Color

Yxy(75.6003, 0.3211, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	F1DCE6
RGB	241, 220, 230
RGB Percent	95%, 86%, 90%
CMY	0.0546, 0.1373, 0.0980
CMYK	0.00, 0.09, 0.05, 0.05
HSL	331°, 43%, 90%
HSV	331°, 9%, 95%
XYZ	76.1696, 75.6003, 85.4447
YIQ	227.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

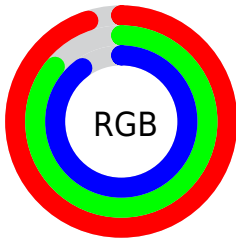
Format	Color
R _Y B	241, 220, 230
Decimal	15850726
CIE Lab	89.67, 8.94, -2.28
CIE LCh	90, 9.225, 345.692
Yxy	75.6003, 0.3211, 0.3187
Android (android.graphics.Color)	4294040806 (0xFFFF1DCE6)
YUV	227.4190, 1.2724, 11.9105
Hunter-Lab	86.9484, 4.2120, 2.5993

Details

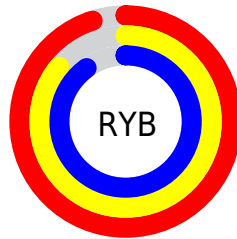
The Yxy color **75.6003, 0.3211, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.9366, 0.3051, 0.3395**, and the grayscale version is **77.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3197, 0.3227, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **63.1651, 0.3326, 0.3063**, and if you desaturate by 10%, it is **89.9182, 0.3116, 0.3304**.

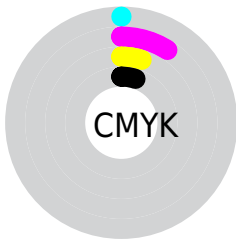
Distribution



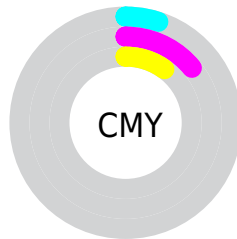
- Red (95%)
- Green (86%)
- Blue (90%)



- Red (95%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6003, 0.3211, 0.3187 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 75.6003, 0.3211, 0.3187 by changing the saturation by 10% instead.


 75.6003, 0.3211,
0.3187

 75.6003, 0.3211,
0.3187

479.9783, 0.3173,
0.3234

 56.1048, 0.3220,
0.3176

127.1618, 0.3198,
0.3203

 40.2870, 0.3230,
0.3163


159.9965, 0.3193,
0.3210

 27.7624, 0.3244,
0.3147


198.0465, 0.3188,
0.3215

 18.1466, 0.3261,
0.3126

241.6961, 0.3184,
0.3220

 11.0553, 0.3285,
0.3097

291.3296, 0.3181,
0.3224

 6.1040, 0.3319,
0.3056

347.3316, 0.3178,

 2.9084, 0.3371,

0.3228

0.2994

410.0864, 0.3175,
0.3231

■ 1.0841, 0.3462,
0.2885

■ 0.0000, 0.6050,
0.0000

■ 75.6003, 0.3211,
0.3187

■ 75.6003, 0.3211,
0.3187

■ 63.1651, 0.3326,
0.3063

■ 89.9182, 0.3116,
0.3304

■ 52.5239, 0.3464,
0.2935

■ 97.4530, 0.3042,
0.3290

■ 43.5955, 0.3629,
0.2807

■ 36.2886, 0.3822,
0.2687

■ 30.5034, 0.4044,
0.2583

■ 26.1288, 0.4291,
0.2509

■ 23.0385, 0.4553,
0.2478

■ 21.0833, 0.4818,
0.2499

■ 20.0439, 0.5070,
0.2573

Harmonies

Analogous

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



75.6003, 0.3100, 0.3124



75.6003, 0.3211, 0.3187



75.6003, 0.3300, 0.3277

Triad

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



75.6003, 0.3211, 0.3187



75.6003, 0.3255, 0.3482



75.6003, 0.2917, 0.3203

Complementary

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



75.6003, 0.3211, 0.3187



83.9366, 0.3051, 0.3395

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.



75.6003, 0.2957, 0.3300



75.6003, 0.3211, 0.3187



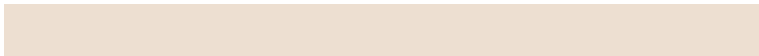
75.6003, 0.3151, 0.3464

Square

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



75.6003, 0.3211, 0.3187



75.6003, 0.3326, 0.3447



75.6003, 0.3042, 0.3397



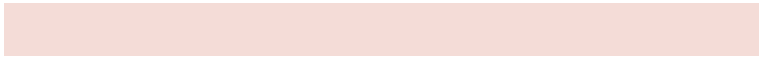
75.6003, 0.2932, 0.3132

Rectangle

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



75.6003, 0.3211, 0.3187



75.6003, 0.3335, 0.3341



75.6003, 0.3042, 0.3397



75.6003, 0.2924, 0.3234

Sweetspot

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



75.6036, 0.3211, 0.3187



94.9600, 0.3154, 0.3255



74.5006, 0.3066, 0.3071



20.0442, 0.3162, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

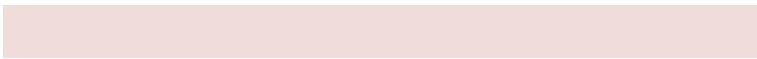
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6036, 0.3211, 0.3187



83.9639, 0.3225, 0.3171



75.2411, 0.3279, 0.3294



15.8840, 0.3219, 0.3178



10.8338, 0.5063, 0.2563



0.9212, 0.4754, 0.2393

Inverse Universe

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



75.6036, 0.3211, 0.3187



83.9639, 0.3225, 0.3171



84.3117, 0.2992, 0.3286



15.8840, 0.3219, 0.3178



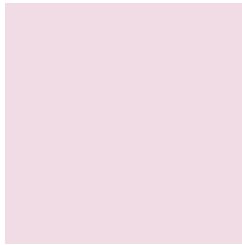
10.8338, 0.5063, 0.2563



0.9212, 0.4754, 0.2393

Previews

White Background



This preview shows how the Yxy color 75.6003, 0.3211, 0.3187 looks on a white background.

Color Contrast Check

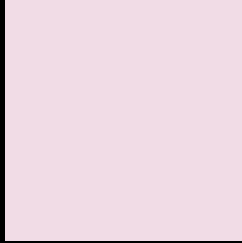
Large Text (above 18pt) WCAG AA × Fail

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 75.6003, 0.3211, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

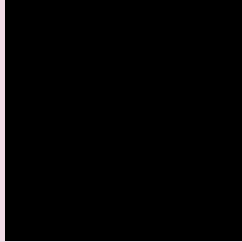
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

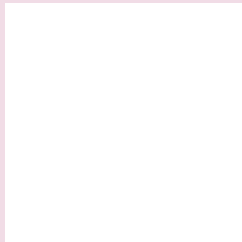
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6003, 0.3211, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 75.6003, 0.3211, 0.3187.

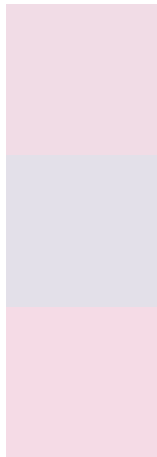


This preview shows how white text looks on a background with the Yxy color 75.6003, 0.3211, 0.3187.

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

75.6003, 0.3211, 0.3187

Protanopia

75.5254, 0.3090, 0.3195

Deuteranopia

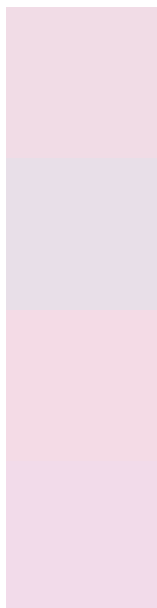
75.7887, 0.3240, 0.3178



Tritanopia

75.5964, 0.3178, 0.3116

Trichromacy



Original Color

75.6003, 0.3211, 0.3187

Protanomaly

75.7574, 0.3132, 0.3196

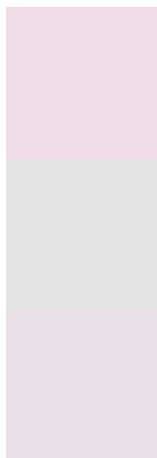
Deuteranomaly

75.6093, 0.3233, 0.3178

Tritanomaly

75.4808, 0.3191, 0.3137

Monochromacy



Original Color

75.6003, 0.3211, 0.3187

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0686, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6003, 0.3211, 0.3187 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(241, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 230)  
}
```

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(241, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 230) }
```

Border

The CSS property to change the border of an element to Yxy 75.6003, 0.3211, 0.3187 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(241, 220, 230) }
```

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

```
.border{ border-color:rgb(241, 220, 230) }
```

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

Here you see how a box with a 4 pixel rgb(241, 220, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6003, 0.3211, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 230) }
```

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

```
.background{ background-color: rgb(241,  
220, 230) }
```

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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