

Converting Colors

$Y_{xy}(72.6757, 0.3268, 0.3129)$

Have a look what the booklet for
Yxy(72.6757, 0.3268, 0.3129)
contains.

Yxy(72.7828, 0.3267, 0.3137)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.7828, 0.3267, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E4
RGB	246, 213, 228
RGB Percent	96%, 84%, 89%
CMY	0.0353, 0.1647, 0.1060
CMYK	0.00, 0.13, 0.07, 0.04
HSL	333°, 65%, 90%
HSV	333°, 13%, 96%
XYZ	75.7990, 72.7828, 83.4322
YIQ	224.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

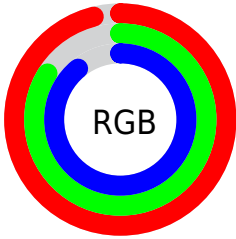
Format	Color
R _{YB}	246, 213, 228
Decimal	16176612
CIE Lab	88.34, 13.91, -3.11
CIE LCh	88, 14.258, 347.393
Yxy	72.7828, 0.3267, 0.3137
Android (android.graphics.Color)	4294366692 (0xFFFF6D5E4)
YUV	224.5770, 1.6875, 18.7880
Hunter-Lab	85.3128, 9.2967, 1.7359

Details

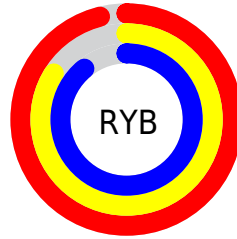
The Yxy color **72.7828, 0.3267, 0.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.8271, 0.3006, 0.3448**, and the grayscale version is **74.9561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4180, 0.3301, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **60.6169, 0.3397, 0.3016**, and if you desaturate by 10%, it is **86.8901, 0.3159, 0.3252**.

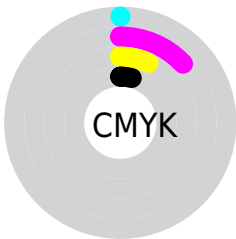
Distribution



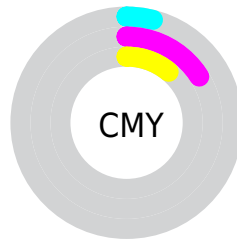
- Red (96%)
- Green (84%)
- Blue (89%)



- Red (96%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7828, 0.3267, 0.3137 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 72.7828, 0.3267, 0.3137 by changing the saturation by 10% instead.

 72.7828, 0.3267,
0.3137

 72.7828, 0.3267,
0.3137

470.2617, 0.3203,
0.3207

 53.7984, 0.3282,
0.3121

123.1688, 0.3245,
0.3161

 38.4405, 0.3300,
0.3102


155.3392, 0.3236,
0.3171

 26.3247, 0.3322,
0.3077


192.6737, 0.3229,
0.3179

 17.0667, 0.3352,
0.3045

235.5567, 0.3222,
0.3186

 10.2821, 0.3393,
0.3002

284.3726, 0.3216,
0.3192

 5.5864, 0.3451,
0.2940

339.5058, 0.3211,

 2.5953, 0.3541,

0.3198

0.2846

401.3407, 0.3207,
0.3203

0.9243, 0.3702,
0.2681

0.0000, 0.9021,
0.0000

72.7828, 0.3267,
0.3137

72.7828, 0.3267,
0.3137

60.6169, 0.3397,
0.3016

86.8901, 0.3159,
0.3252

50.2971, 0.3554,
0.2893

98.3223, 0.3073,
0.3291

41.7347, 0.3741,
0.2773

98.3318, 0.3072,
0.3290

34.8297, 0.3959,
0.2664

■ 29.4718, 0.4205,
0.2578

■ 25.5373, 0.4475,
0.2528

■ 22.8832, 0.4754,
0.2525

■ 21.3359, 0.5026,
0.2577

■ 20.7526, 0.5196,
0.2636

Harmonies

Analogous

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



72.7828, 0.3094, 0.3037



72.7828, 0.3267, 0.3137



72.7828, 0.3405, 0.3276

Triad

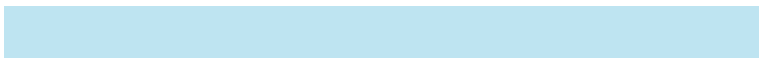
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7828, 0.3267, 0.3137



72.7828, 0.3318, 0.3592



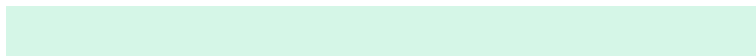
72.7828, 0.2799, 0.3143

Complementary

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



72.7828, 0.3267, 0.3137



85.8271, 0.3006, 0.3448

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.



72.7828, 0.2856, 0.3295



72.7828, 0.3267, 0.3137



72.7828, 0.3153, 0.3561

Square

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



72.7828, 0.3267, 0.3137



72.7828, 0.3434, 0.3539



72.7828, 0.2984, 0.3450



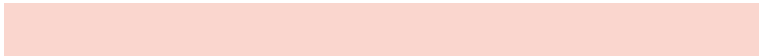
72.7828, 0.2827, 0.3037

Rectangle

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



72.7828, 0.3267, 0.3137



72.7828, 0.3456, 0.3375



72.7828, 0.2984, 0.3450



72.7828, 0.2809, 0.3191

Sweetspot

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



72.7860, 0.3267, 0.3137



93.3101, 0.3165, 0.3246



71.1705, 0.3034, 0.2947



19.7113, 0.3173, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

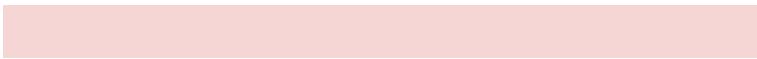
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7860, 0.3267, 0.3137



75.3210, 0.3299, 0.3106



72.5457, 0.3372, 0.3302



16.6075, 0.3222, 0.3183



11.1050, 0.5157, 0.2614



0.9965, 0.4851, 0.2446

Inverse Universe

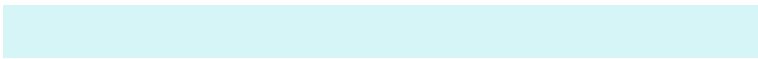
The Inverse Universe completely reimagines the original color for something new.



72.7860, 0.3267, 0.3137



75.3210, 0.3299, 0.3106



86.0424, 0.2922, 0.3278



16.6075, 0.3222, 0.3183



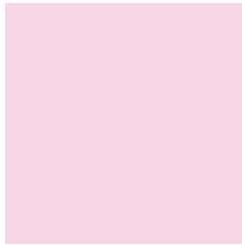
11.1050, 0.5157, 0.2614



0.9965, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 72.7828, 0.3267, 0.3137 looks on a white background.

Color Contrast Check

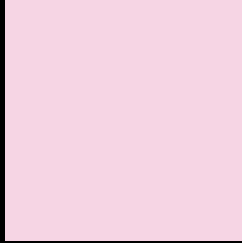
Large Text (above 18pt) WCAG AA × Fail

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 72.7828, 0.3267, 0.3137 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 72.7828, 0.3267, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 72.7828, 0.3267, 0.3137.

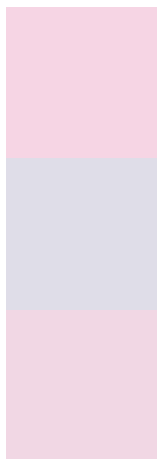


This preview shows how white text looks on a background with the Yxy color 72.7828, 0.3267, 0.3137.

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

72.7828, 0.3267, 0.3137

Protanopia

73.2271, 0.3070, 0.3172

Deuteranopia

72.9031, 0.3228, 0.3156



Tritanopia

72.8385, 0.3260, 0.3127

Trichromacy



Original Color

72.7828, 0.3267, 0.3137

Protanomaly

72.9013, 0.3134, 0.3153

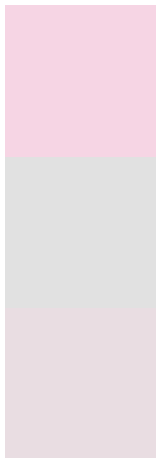
Deuteranomaly

72.7493, 0.3244, 0.3146

Tritanomaly

72.8385, 0.3260, 0.3127

Monochromacy



Original Color

72.7828, 0.3267, 0.3137

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5275, 0.3179, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7828, 0.3267, 0.3137 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(246, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 228)  
}
```

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(246, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.7828, 0.3267, 0.3137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

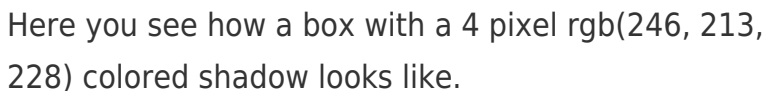
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 213, 228) }
```

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

```
.border{ border-color:rgb(246, 213, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 213, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 213, 228); box-shadow:4px 4px 4px 4px rgb(246, 213, 228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7828, 0.3267, 0.3137$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 228) }
```

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

```
.background{ background-color: rgb(246,  
213, 228) }
```

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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