

Converting Colors

$Yxy(77.3974, 0.3377, 0.3362)$

Have a look what the booklet for
Yxy(77.3974, 0.3377, 0.3362)
contains.

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Color

Yxy(77.4728, 0.3377, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	FADED7
RGB	250, 222, 215
RGB Percent	98%, 87%, 84%
CMY	0.0195, 0.1294, 0.1568
CMYK	0.00, 0.11, 0.14, 0.02
HSL	12°, 78%, 91%
HSV	12°, 14%, 98%
XYZ	77.8185, 77.4728, 75.1454
YIQ	229.5740, 18.9350, 3.7590

Conversions

Conversions Part 2

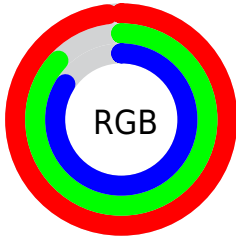
Format	Color
R _Y B	250, 224, 215
Decimal	16441047
CIE Lab	90.54, 8.54, 6.94
CIE LCh	91, 11.003, 39.128
Yxy	77.4728, 0.3377, 0.3362
Android (android.graphics.Color)	4294631127 (0xFFFADED7)
YUV	229.5740, -7.1850, 17.9136
Hunter-Lab	88.0186, 3.7816, 10.9946

Details

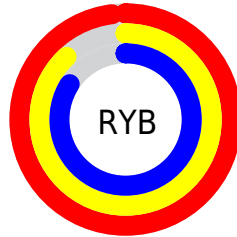
The Yxy color **77.4728, 0.3377, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4741, 0.2911, 0.3217**, and the grayscale version is **78.8473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5130, 0.3435, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **66.2808, 0.3601, 0.3417**, and if you desaturate by 10%, it is **90.1298, 0.3192, 0.3310**.

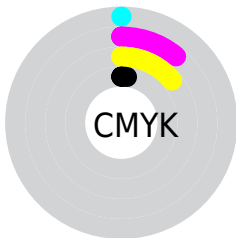
Distribution



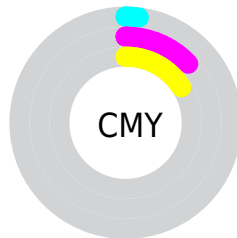
- Red (98%)
- Green (87%)
- Blue (84%)



- Red (98%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4728, 0.3377, 0.3362 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 77.4728, 0.3377, 0.3362 by changing the saturation by 10% instead.


 77.4728, 0.3377,
0.3362

 77.4728, 0.3377,
0.3362

486.3745, 0.3262,
0.3330

 57.6410, 0.3403,
0.3369


129.8067, 0.3337,
0.3351

 41.5201, 0.3435,
0.3377


163.0775, 0.3322,
0.3347

 28.7257, 0.3476,
0.3388


201.5969, 0.3308,
0.3343

 18.8734, 0.3529,
0.3401

245.7491, 0.3297,
0.3340

 11.5789, 0.3602,
0.3417

295.9186, 0.3286,
0.3337

 6.4576, 0.3705,
0.3440

352.4897, 0.3277,

 3.1253, 0.3866,

0.3335

0.3472

415.8469, 0.3269,
0.3332

■ 1.1975, 0.4161,
0.3527

■ 0.0596, 0.8163,
0.1837

■ 77.4728, 0.3377,
0.3362

■ 77.4728, 0.3377,
0.3362

■ 66.2808, 0.3601,
0.3417

■ 90.1298, 0.3192,
0.3310

■ 56.4905, 0.3871,
0.3474

■ 99.0688, 0.3096,
0.3290

■ 48.0494, 0.4191,
0.3528

■ 40.8977, 0.4560,
0.3573

■ 34.9709, 0.4968,
0.3602

■ 30.1987, 0.5387,
0.3605

■ 26.5037, 0.5772,
0.3572

■ 23.7980, 0.6073,
0.3505

■ 22.6023, 0.6204,
0.3456

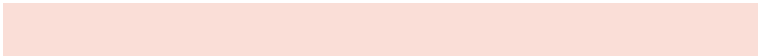
Harmonies

Analogous

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



77.4728, 0.3313, 0.3249



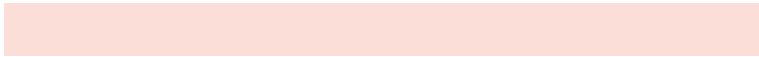
77.4728, 0.3377, 0.3362



77.4728, 0.3373, 0.3459

Triad

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



77.4728, 0.3377, 0.3362



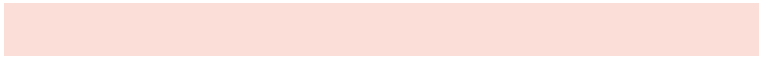
77.4728, 0.3053, 0.3438



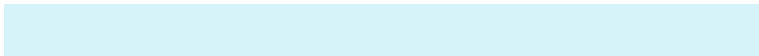
77.4728, 0.2953, 0.3072

Complementary

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



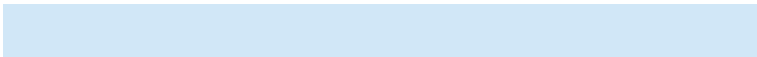
77.4728, 0.3377, 0.3362



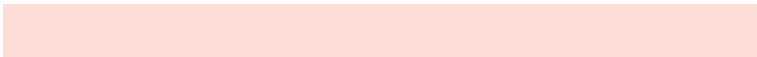
85.4741, 0.2911, 0.3217

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.



77.4728, 0.2887, 0.3117



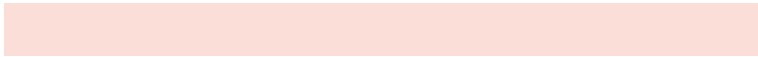
77.4728, 0.3377, 0.3362



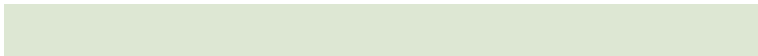
77.4728, 0.2944, 0.3328

Square

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



77.4728, 0.3377, 0.3362



77.4728, 0.3184, 0.3506



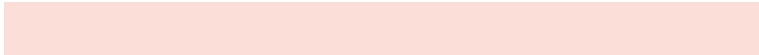
77.4728, 0.2884, 0.3210



77.4728, 0.3067, 0.3084

Rectangle

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



77.4728, 0.3377, 0.3362



77.4728, 0.3331, 0.3501



77.4728, 0.2884, 0.3210



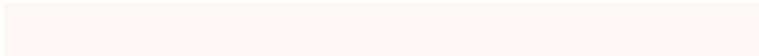
77.4728, 0.2925, 0.3081

Sweetspot

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



77.4763, 0.3377, 0.3362



94.2617, 0.3192, 0.3310



75.4406, 0.3187, 0.3005



19.9510, 0.3205, 0.3314



0.0000, 0.0000, 0.0000



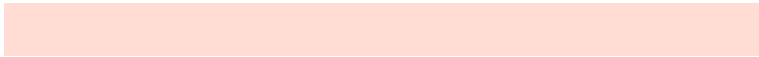
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4763, 0.3377, 0.3362



77.3417, 0.3440, 0.3378



86.9311, 0.3353, 0.3531



17.7861, 0.3289, 0.3338



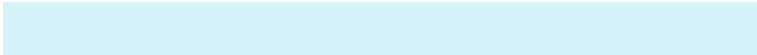
12.1456, 0.6179, 0.3476



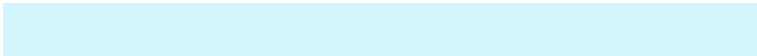
1.2667, 0.5963, 0.3647

Inverse Universe

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



85.4741, 0.2911, 0.3217



87.2876, 0.2865, 0.3200



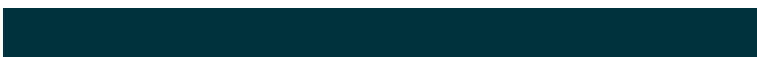
75.7966, 0.2905, 0.3037



18.9853, 0.2980, 0.3242



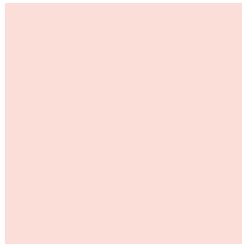
25.8046, 0.2065, 0.2635



2.5343, 0.2090, 0.2722

Previews

White Background



This preview shows how the Yxy color 77.4728, 0.3377, 0.3362 looks on a white background.

Color Contrast Check

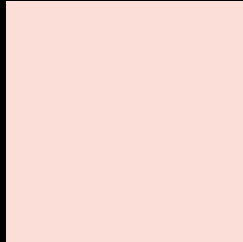
Large Text (above 18pt) WCAG AA × Fail

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 77.4728, 0.3377, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

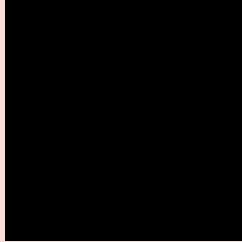
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4728, 0.3377, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 77.4728, 0.3377, 0.3362.

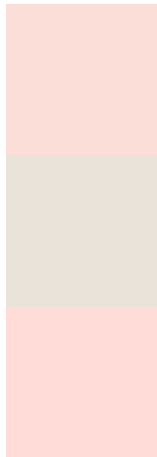


This preview shows how white text looks on a background with the Yxy color 77.4728, 0.3377, 0.3362.

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

77.4728, 0.3377, 0.3362

Protanopia

77.4926, 0.3235, 0.3385

Deuteranopia

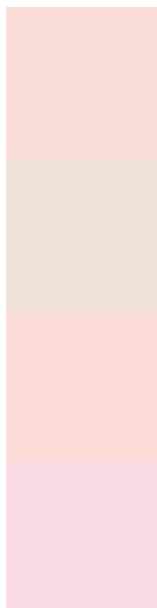
77.3527, 0.3417, 0.3341



Tritanopia

77.6018, 0.3257, 0.3121

Trichromacy



Original Color

77.4728, 0.3377, 0.3362

Protanomaly

77.3854, 0.3286, 0.3374

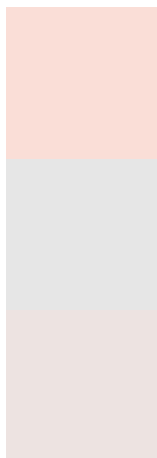
Deuteranomaly

77.5018, 0.3400, 0.3352

Tritanomaly

77.4833, 0.3304, 0.3210

Monochromacy



Original Color

77.4728, 0.3377, 0.3362

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.3789, 0.3210, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4728, 0.3377, 0.3362 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(250, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 215)  
}
```

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(250, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 215) }
```

Border

The CSS property to change the border of an element to Yxy 77.4728, 0.3377, 0.3362 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(250, 222, 215) }
```

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

```
.border{ border-color:rgb(250, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
215) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 77.4728, 0.3377, 0.3362$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 215) }
```

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

```
.background{ background-color: rgb(250,  
222, 215) }
```

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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