

Converting Colors

$Y_{xy}(77.9458, 0.3382, 0.3395)$

Have a look what the booklet for
Yxy(77.9458, 0.3382, 0.3395)
contains.

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Color

Yxy(77.7192, 0.3382, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	F9DFD5
RGB	249, 223, 213
RGB Percent	98%, 87%, 84%
CMY	0.0235, 0.1255, 0.1647
CMYK	0.00, 0.10, 0.14, 0.02
HSL	17°, 75%, 91%
HSV	17°, 14%, 98%
XYZ	77.4672, 77.7192, 73.8710
YIQ	229.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

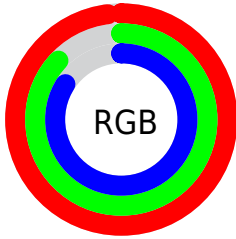
Format	Color
R _Y B	249, 227, 213
Decimal	16375765
CIE Lab	90.65, 7.34, 8.14
CIE LCh	91, 10.966, 47.952
Yxy	77.7192, 0.3382, 0.3393
Android (android.graphics.Color)	4294565845 (0xFFFF9DFD5)
YUV	229.6340, -8.2006, 16.9840
Hunter-Lab	88.1585, 2.5754, 12.0298

Details

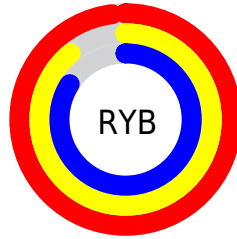
The Yxy color $77.7192, 0.3382, 0.3393$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82.7259, 0.2903, 0.3185$, and the grayscale version is $78.9004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.6804, 0.3442, 0.3423$ is the 20% darker color. If you saturate the color by 10%, you get $67.4476, 0.3600, 0.3469$, and if you desaturate by 10%, it is $89.2128, 0.3199, 0.3321$.

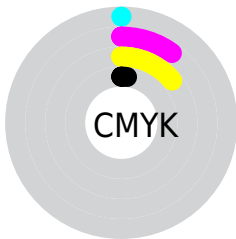
Distribution



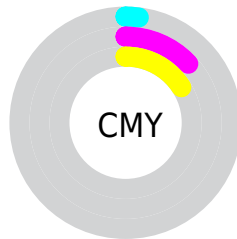
- Red (98%)
- Green (87%)
- Blue (84%)



- Red (98%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.7192, 0.3382, 0.3393 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 77.7192, 0.3382, 0.3393 by changing the saturation by 10% instead.

 77.7192, 0.3382,
0.3393

 77.7192, 0.3382,
0.3393

487.2127, 0.3265,
0.3347

 57.8433, 0.3409,
0.3403

130.1542, 0.3341,
0.3377

 41.6827, 0.3441,
0.3415

163.4821, 0.3326,
0.3371

 28.8529, 0.3483,
0.3431

202.0629, 0.3312,
0.3366

 18.9696, 0.3537,
0.3450

246.2809, 0.3300,
0.3361

 11.6483, 0.3610,
0.3475

296.5204, 0.3290,
0.3357

 6.5047, 0.3715,
0.3510

353.1660, 0.3280,

 3.1543, 0.3878,

0.3353

0.3560

416.6019, 0.3272,
0.3350

■ 1.2128, 0.4187,
0.3658

■ 0.0721, 0.7746,
0.2254

■ 77.7192, 0.3382,
0.3393

■ 77.7192, 0.3382,
0.3393

■ 67.4476, 0.3600,
0.3469

■ 89.2128, 0.3199,
0.3321

■ 58.3470, 0.3859,
0.3547

■ 98.8814, 0.3090,
0.3290

■ 50.3780, 0.4161,
0.3622

■ 43.4951, 0.4505,
0.3687

■ 37.6496, 0.4880,
0.3731

■ 32.7886, 0.5265,
0.3743

■ 28.8542, 0.5624,
0.3712

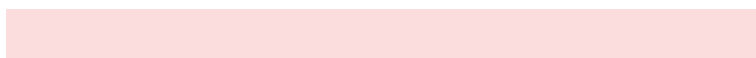
■ 25.7813, 0.5917,
0.3636

■ 24.4162, 0.6045,
0.3582

Harmonies

Analogous

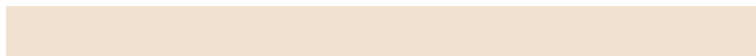
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7192, 0.3337, 0.3282



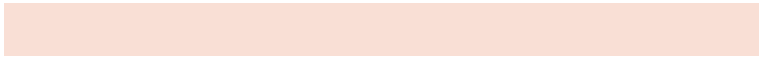
77.7192, 0.3382, 0.3393



77.7192, 0.3357, 0.3480

Triad

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



77.7192, 0.3382, 0.3393



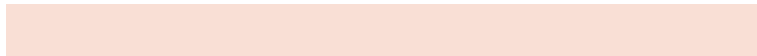
77.7192, 0.3018, 0.3408



77.7192, 0.2984, 0.3071

Complementary

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



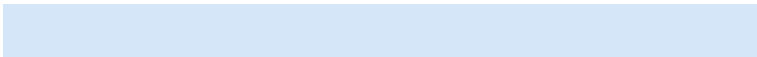
77.7192, 0.3382, 0.3393



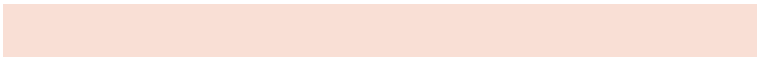
82.7259, 0.2903, 0.3185

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.



77.7192, 0.2902, 0.3099



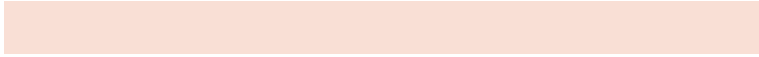
77.7192, 0.3382, 0.3393



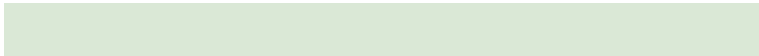
77.7192, 0.2921, 0.3293

Square

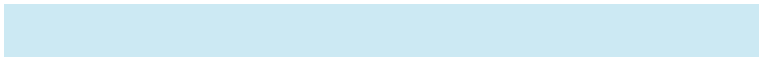
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7192, 0.3382, 0.3393



77.7192, 0.3145, 0.3491



77.7192, 0.2879, 0.3179



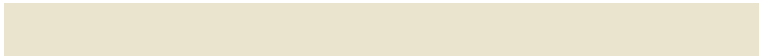
77.7192, 0.3105, 0.3099

Rectangle

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



77.7192, 0.3382, 0.3393



77.7192, 0.3304, 0.3511



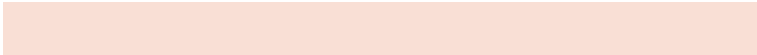
77.7192, 0.2879, 0.3179



77.7192, 0.2951, 0.3074

Sweetspot

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



77.7227, 0.3382, 0.3393



94.7495, 0.3191, 0.3317



73.9882, 0.3209, 0.3025



20.0740, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



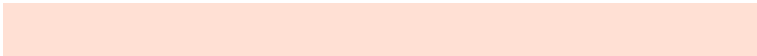
21.4041, 0.3127, 0.3290

Same Dimension

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



77.7227, 0.3382, 0.3393



79.1398, 0.3434, 0.3412



87.6243, 0.3356, 0.3568



18.0097, 0.3287, 0.3357



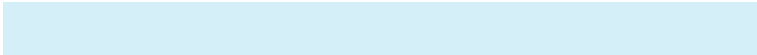
13.2726, 0.6017, 0.3604



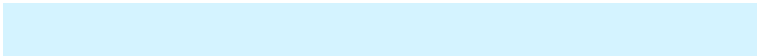
1.3992, 0.5786, 0.3788

Inverse Universe

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



82.7259, 0.2903, 0.3185



85.2432, 0.2864, 0.3164



72.9142, 0.2897, 0.2996



18.7458, 0.2980, 0.3223



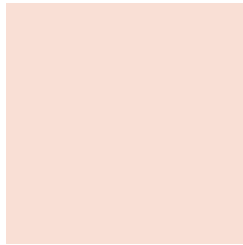
21.3533, 0.1989, 0.2360



2.1557, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 77.7192, 0.3382, 0.3393 looks on a white background.

Color Contrast Check

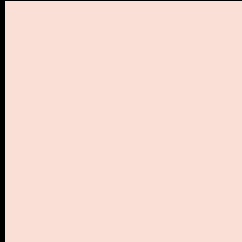
Large Text (above 18pt) WCAG AA × Fail

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 77.7192, 0.3382, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

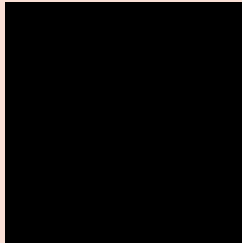
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.7192, 0.3382, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 77.7192, 0.3382, 0.3393.

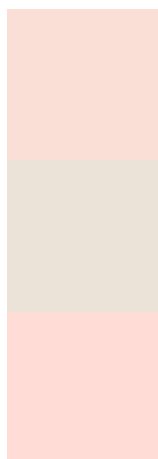


This preview shows how white text looks on a background with the Yxy color 77.7192, 0.3382, 0.3393.

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

77.7192, 0.3382, 0.3393

Protanopia

77.5066, 0.3262, 0.3417

Deuteranopia

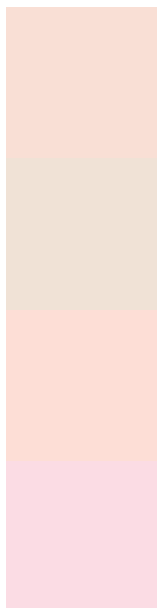
77.8279, 0.3422, 0.3362



Tritanopia

77.4729, 0.3243, 0.3111

Trichromacy



Original Color

77.7192, 0.3382, 0.3393

Protanomaly

77.7730, 0.3306, 0.3416

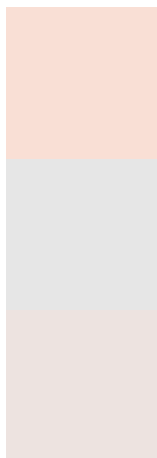
Deuteranomaly

77.9802, 0.3406, 0.3372

Tritanomaly

77.2971, 0.3296, 0.3210

Monochromacy



Original Color

77.7192, 0.3382, 0.3393

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.3245, 0.3216, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7192, 0.3382, 0.3393 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(249, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 213)  
}
```

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(249, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 213) }
```

Border

The CSS property to change the border of an element to Yxy 77.7192, 0.3382, 0.3393 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(249, 223, 213) }
```

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

```
.border{ border-color:rgb(249, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
213) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 77.7192, 0.3382, 0.3393$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 213) }
```

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

```
.background{ background-color: rgb(249,  
223, 213) }
```

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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