

Converting Colors

$Y_{xy}(103.8188, 0.3741, 0.3357)$

Have a look what the booklet for
Yxy(103.8188, 0.3741, 0.3357)
contains.

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Color

Yxy(88.7625, 0.3284, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFEE7
RGB	255, 239, 231
RGB Percent	100%, 94%, 91%
CMY	0.0001, 0.0627, 0.0941
CMYK	0.00, 0.06, 0.09, 0.00
HSL	20°, 100%, 95%
HSV	20°, 9%, 100%
XYZ	86.5230, 88.7625, 88.1829
YIQ	242.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

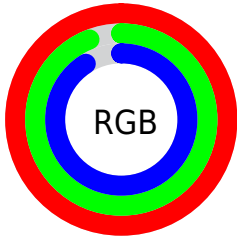
Format	Color
R_{YB}	255, 243, 231
Decimal	16773095
CIE Lab	95.48, 4.06, 5.78
CIE LCh	95, 7.067, 54.927
Yxy	88.7625, 0.3284, 0.3369
Android (android.graphics.Color)	4294963175 (0xFFFEFE7)
YUV	242.8720, -5.8529, 10.6363
Hunter-Lab	94.2139, -0.9455, 10.4551

Details

The Yxy color **88.7625, 0.3284, 0.3369** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.7113, 0.2981, 0.3210**, and the grayscale version is **89.5611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9679, 0.3321, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **77.9478, 0.3480, 0.3458**, and if you desaturate by 10%, it is **99.9942, 0.3127, 0.3290**.

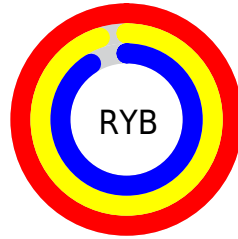
Distribution



Red (100%)

Green (94%)

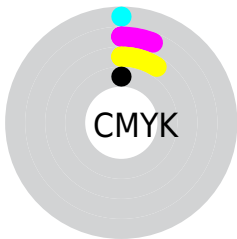
Blue (91%)



Red (100%)

Yellow (95%)

Blue (91%)

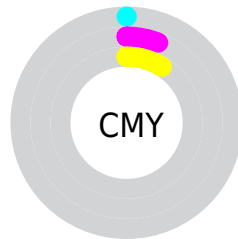


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7625, 0.3284, 0.3369 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 88.7625, 0.3284, 0.3369 by changing the saturation by 10% instead.


 88.7625, 0.3284,
0.3369

 88.7625, 0.3284,
0.3369

523.9970, 0.3214,
0.3334

 66.9547, 0.3300,
0.3377


145.6183, 0.3260,
0.3357

 49.0478, 0.3319,
0.3386


181.4350, 0.3251,
0.3353

 34.6574, 0.3342,
0.3397

222.6903, 0.3242,
0.3349

 23.3991, 0.3373,
0.3412

269.7683, 0.3235,
0.3345

 14.8885, 0.3413,
0.3431

323.0537, 0.3229,
0.3342

 8.7412, 0.3469,
0.3456

382.9306, 0.3223,

 4.5727, 0.3552,

0.3339

0.3494

449.7836, 0.3218,
0.3336

■ 1.9988, 0.3689,
0.3553

■ 0.6068, 0.4392,
0.3943

■ 88.7625, 0.3284,
0.3369

■ 88.7625, 0.3284,
0.3369

■ 77.9478, 0.3480,
0.3458

99.9942, 0.3127,
0.3290

■ 68.2386, 0.3711,
0.3551

■ 59.6023, 0.3980,
0.3644

■ 52.0005, 0.4287,
0.3729

■ 45.3921, 0.4626,
0.3799

■ 39.7331, 0.4984,
0.3840

■ 34.9759, 0.5336,
0.3840

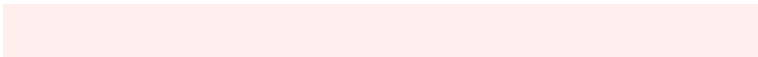
■ 31.0676, 0.5649,
0.3791

■ 27.9432, 0.5896,
0.3696

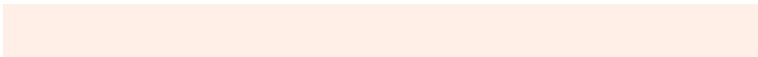
Harmonies

Analogous

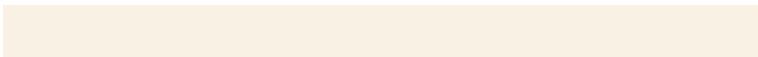
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7625, 0.3266, 0.3303



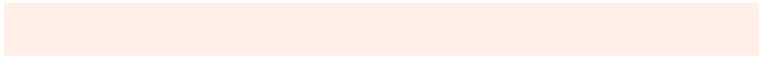
88.7625, 0.3284, 0.3369



88.7625, 0.3259, 0.3416

Triad

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



88.7625, 0.3284, 0.3369



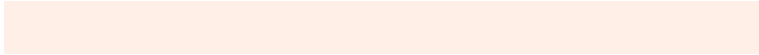
88.7625, 0.3044, 0.3347



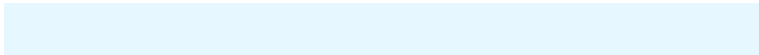
88.7625, 0.3055, 0.3155

Complementary

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



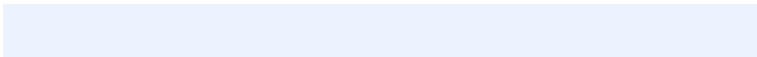
88.7625, 0.3284, 0.3369



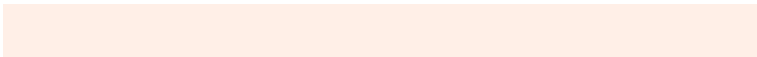
90.7113, 0.2981, 0.3210

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.



88.7625, 0.2996, 0.3165



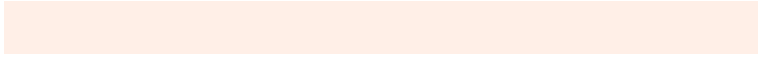
88.7625, 0.3284, 0.3369



88.7625, 0.2990, 0.3275

Square

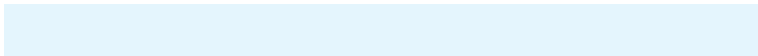
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7625, 0.3284, 0.3369



88.7625, 0.3120, 0.3404



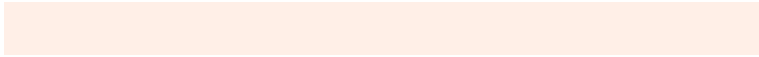
88.7625, 0.2973, 0.3209



88.7625, 0.3133, 0.3180

Rectangle

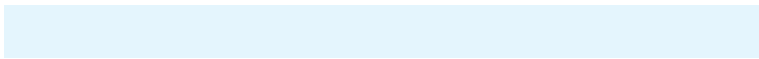
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7625, 0.3284, 0.3369



88.7625, 0.3222, 0.3429



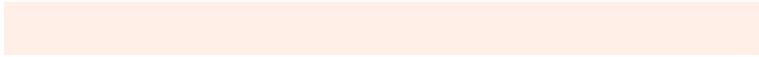
88.7625, 0.2973, 0.3209



88.7625, 0.3032, 0.3154

Sweetspot

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



88.7664, 0.3284, 0.3369



96.3093, 0.3175, 0.3315



85.1282, 0.3189, 0.3135



20.4068, 0.3188, 0.3321



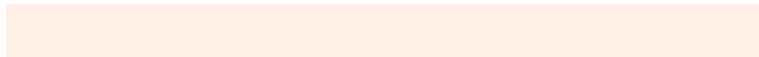
0.0000, 0.0000, 0.0000



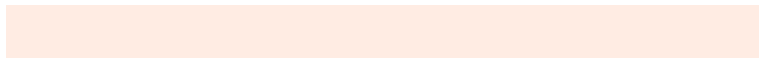
21.4041, 0.3127, 0.3290

Same Dimension

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



88.7664, 0.3284, 0.3369



86.9780, 0.3313, 0.3383



96.0044, 0.3272, 0.3484



18.9783, 0.3286, 0.3370



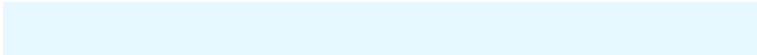
14.7619, 0.5880, 0.3713



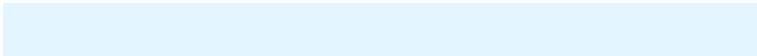
1.6288, 0.5661, 0.3887

Inverse Universe

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



90.7113, 0.2981, 0.3210



89.2301, 0.2956, 0.3195



83.6296, 0.2980, 0.3088



19.3992, 0.2980, 0.3209



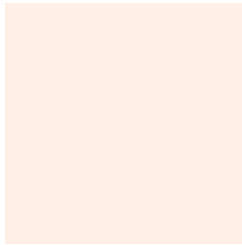
19.0474, 0.1932, 0.2156



2.0559, 0.1973, 0.2301

Previews

White Background



This preview shows how the Yxy color 88.7625, 0.3284, 0.3369 looks on a white background.

Color Contrast Check

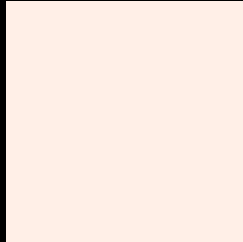
Large Text (above 18pt) WCAG AA × Fail

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 88.7625, 0.3284, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

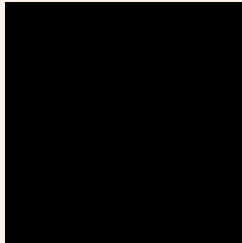
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.7625, 0.3284, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 88.7625, 0.3284, 0.3369.

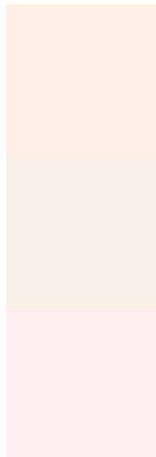


This preview shows how white text looks on a background with the Yxy color 88.7625, 0.3284, 0.3369.

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

88.7625, 0.3284, 0.3369

Protanopia

88.8765, 0.3236, 0.3380

Deuteranopia

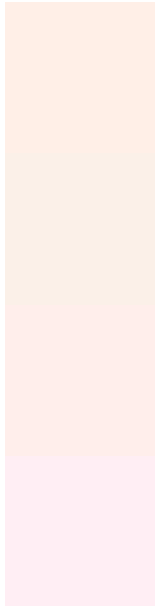
88.5821, 0.3241, 0.3290



Tritanopia

88.8566, 0.3154, 0.3145

Trichromacy



Original Color

88.7625, 0.3284, 0.3369

Protanomaly

88.6556, 0.3250, 0.3369

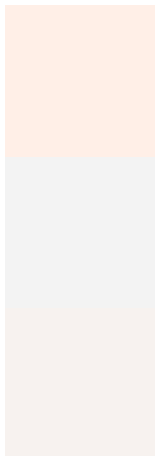
Deuteranomaly

88.4072, 0.3260, 0.3320

Tritanomaly

88.9407, 0.3203, 0.3232

Monochromacy



Original Color

88.7625, 0.3284, 0.3369

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5104, 0.3178, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7625, 0.3284, 0.3369 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(255, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 231)  
}
```

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(255, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 231) }
```

Border

The CSS property to change the border of an element to Yxy 88.7625, 0.3284, 0.3369 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(255, 239, 231) }
```

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

```
.border{ border-color:rgb(255, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7625, 0.3284, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 231) }
```

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

```
.background{ background-color: rgb(255,  
239, 231) }
```

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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