

Converting Colors

$Yxy(62.7383, 0.3653, 0.3570)$

Have a look what the booklet for
Yxy(62.7383, 0.3653, 0.3570)
contains.

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Color

Yxy(62.8898, 0.3651, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	F0C8AE
RGB	240, 200, 174
RGB Percent	94%, 78%, 68%
CMY	0.0589, 0.2156, 0.3176
CMYK	0.00, 0.17, 0.27, 0.06
HSL	24°, 69%, 81%
HSV	24°, 27%, 94%
XYZ	64.2268, 62.8898, 48.7990
YIQ	208.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

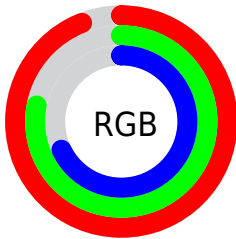
Format	Color
R _Y B	240, 217, 174
Decimal	15780014
CIE Lab	83.38, 10.38, 18.30
CIE LCh	83, 21.037, 60.431
Yxy	62.8898, 0.3651, 0.3575
Android (android.graphics.Color)	4293970094 (0xFFFF0C8AE)
YUV	208.9960, -17.2530, 27.1905
Hunter-Lab	79.3031, 5.7849, 19.0282

Details

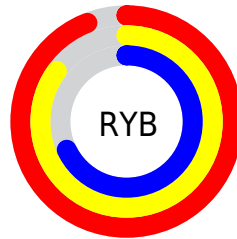
The Yxy color **62.8898, 0.3651, 0.3575** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.3738, 0.2696, 0.2986**, and the grayscale version is **63.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **32.0302, 0.3778, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **55.6203, 0.3900, 0.3684**, and if you desaturate by 10%, it is **70.9729, 0.3435, 0.3467**.

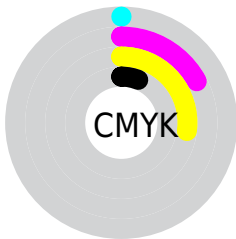
Distribution



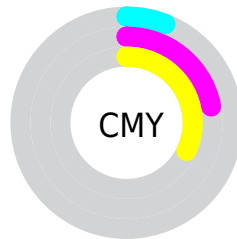
- Red (94%)
- Green (78%)
- Blue (68%)



- Red (94%)
- Yellow (85%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8898, 0.3651, 0.3575 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 62.8898, 0.3651, 0.3575 by changing the saturation by 10% instead.


 62.8898, 0.3651,
0.3575

 62.8898, 0.3651,
0.3575


435.1694, 0.3401,
0.3445

 45.7521, 0.3710,
0.3604


 109.0105, 0.3563,
0.3530

 32.0502, 0.3784,
0.3640


138.7623, 0.3529,
0.3513

 21.3999, 0.3879,
0.3684


173.4875, 0.3500,
0.3498

 13.4166, 0.4005,
0.3740

213.5706, 0.3474,
0.3484

 7.7160, 0.4180,
0.3812

259.3959, 0.3452,
0.3473

 3.9138, 0.4436,
0.3906

311.3479, 0.3433,

 1.6255, 0.4997,

0.3462

0.4150

369.8110, 0.3416,
0.3453

0.3747, 0.6193,
0.3807

0.0000, 0.0000,
0.0000

62.8898, 0.3651,
0.3575

62.8898, 0.3651,
0.3575

55.6203, 0.3900,
0.3684

70.9729, 0.3435,
0.3467

49.1290, 0.4181,
0.3787

79.8861, 0.3249,
0.3364

43.3906, 0.4491,
0.3875

89.6567, 0.3090,
0.3266

38.3746, 0.4817,
0.3937

97.2634, 0.3035,
0.3290

■ 34.0484, 0.5142,
0.3959

■ 30.3758, 0.5439,
0.3930

■ 27.3146, 0.5685,
0.3848

■ 26.6335, 0.5741,
0.3824

Harmonies

Analogous

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



62.8898, 0.3619, 0.3362



62.8898, 0.3651, 0.3575



62.8898, 0.3537, 0.3725

Triad

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



62.8898, 0.3651, 0.3575



62.8898, 0.2809, 0.3438



62.8898, 0.2927, 0.2861

Complementary

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



62.8898, 0.3651, 0.3575



63.3738, 0.2696, 0.2986

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.



62.8898, 0.2724, 0.2863



62.8898, 0.3651, 0.3575



62.8898, 0.2659, 0.3185

Square

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



62.8898, 0.3651, 0.3575



62.8898, 0.3047, 0.3654



62.8898, 0.2629, 0.2977



62.8898, 0.3191, 0.2962

Rectangle

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



62.8898, 0.3651, 0.3575



62.8898, 0.3396, 0.3764



62.8898, 0.2629, 0.2977



62.8898, 0.2850, 0.2849

Sweetspot

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



62.8927, 0.3651, 0.3575



91.1211, 0.3258, 0.3369



53.6873, 0.3365, 0.2854



19.1615, 0.3284, 0.3384



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.



62.8927, 0.3651, 0.3575



67.3878, 0.3787, 0.3636



79.4566, 0.3563, 0.3904



16.7809, 0.3283, 0.3384



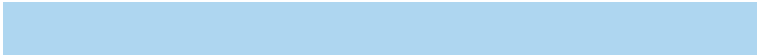
14.8227, 0.5712, 0.3846



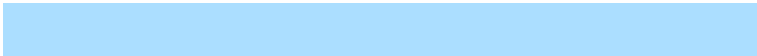
1.4217, 0.5470, 0.4039

Inverse Universe

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



63.3738, 0.2696, 0.2986



68.0156, 0.2608, 0.2914



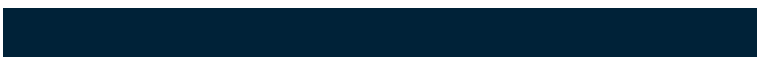
48.6234, 0.2656, 0.2591



16.8224, 0.2980, 0.3195



14.8649, 0.1874, 0.1945



1.4300, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 62.8898, 0.3651, 0.3575 looks on a white background.

Color Contrast Check

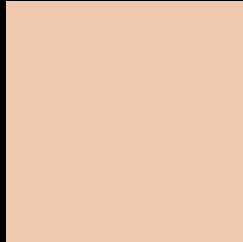
Large Text (above 18pt) WCAG AA × Fail

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 62.8898, 0.3651, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

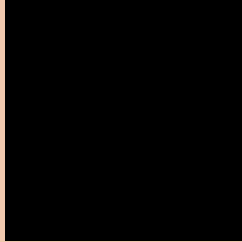
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8898, 0.3651, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 62.8898, 0.3651, 0.3575.



This preview shows how white text looks on a background with the Yxy color 62.8898, 0.3651, 0.3575.

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

62.8898, 0.3651, 0.3575

Protanopia

62.9001, 0.3431, 0.3624

Deuteranopia

62.8898, 0.3651, 0.3575



Tritanopia

62.9165, 0.3408, 0.3132

Trichromacy



Original Color

62.8898, 0.3651, 0.3575

Protanomaly

62.6909, 0.3510, 0.3595

Deuteranomaly

62.8898, 0.3651, 0.3575

Tritanomaly

63.0184, 0.3499, 0.3291

Monochromacy



Original Color

62.8898, 0.3651, 0.3575

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3438, 0.3307, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8898, 0.3651, 0.3575 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(240, 200, 174)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 174)  
}
```

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(240, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 174) }
```

Border

The CSS property to change the border of an element to Yxy 62.8898, 0.3651, 0.3575 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(240, 200, 174) }
```

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

```
.border{ border-color:rgb(240, 200, 174) }
```

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

Here you see how a box with a 4 pixel rgb(240, 200, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8898, 0.3651, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 174) }
```

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

```
.background{ background-color: rgb(240,  
200, 174) }
```

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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