

Converting Colors

$Yxy(62.2466, 0.3615, 0.3560)$

Have a look what the booklet for
Yxy(62.2466, 0.3615, 0.3560)
contains.

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Color

Yxy(62.4082, 0.3618, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	EDC8AF
RGB	237, 200, 175
RGB Percent	93%, 78%, 69%
CMY	0.0706, 0.2157, 0.3136
CMYK	0.00, 0.16, 0.26, 0.07
HSL	24°, 63%, 81%
HSV	24°, 26%, 93%
XYZ	63.3182, 62.4082, 49.2825
YIQ	208.2130, 30.0770, 0.0690

Conversions

Conversions Part 2

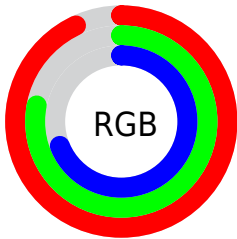
Format	Color
R _Y B	237, 217, 175
Decimal	15583407
CIE Lab	83.13, 9.40, 17.36
CIE LCh	83, 19.737, 61.562
Yxy	62.4082, 0.3618, 0.3566
Android (android.graphics.Color)	4293773487 (0xFFEDC8AF)
YUV	208.2130, -16.3740, 25.2462
Hunter-Lab	78.9989, 4.8212, 18.3118

Details

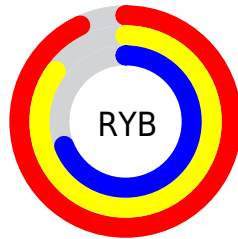
The Yxy color **62.4082, 0.3618, 0.3566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.3302, 0.2717, 0.2996**, and the grayscale version is **63.3182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **31.6662, 0.3745, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **55.3066, 0.3861, 0.3677**, and if you desaturate by 10%, it is **70.2855, 0.3407, 0.3456**.

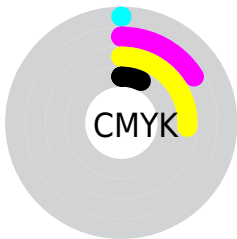
Distribution



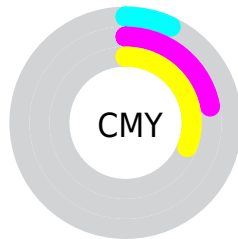
- Red (93%)
- Green (78%)
- Blue (69%)



- Red (93%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4082, 0.3618, 0.3566 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 62.4082, 0.3618, 0.3566 by changing the saturation by 10% instead.

 62.4082, 0.3618,
0.3566

 62.4082, 0.3618,
0.3566


433.4185, 0.3383,
0.3439

 45.3626, 0.3673,
0.3595


 108.3153, 0.3535,
0.3522

 31.7431, 0.3743,
0.3630


137.9456, 0.3503,
0.3505

 21.1654, 0.3832,
0.3673


172.5395, 0.3476,
0.3490

 13.2449, 0.3951,
0.3729

212.4816, 0.3452,
0.3477

 7.5974, 0.4117,
0.3802

258.1561, 0.3432,
0.3466

 3.8385, 0.4361,
0.3899

309.9475, 0.3414,

 1.5836, 0.4890,

0.3456

0.4143

368.2402, 0.3397,
0.3447

0.3465, 0.6172,
0.3828

0.0000, 0.0000,
0.0000

62.4082, 0.3618,
0.3566

62.4082, 0.3618,
0.3566

55.3066, 0.3861,
0.3677

70.2855, 0.3407,
0.3456

48.9470, 0.4135,
0.3784

78.9534, 0.3226,
0.3351

43.3061, 0.4438,
0.3877

88.4375, 0.3070,
0.3253

38.3556, 0.4759,
0.3945

96.7436, 0.3017,
0.3290

■ 34.0649, 0.5080,
0.3975

■ 30.4008, 0.5379,
0.3956

■ 27.3251, 0.5629,
0.3882

■ 26.2811, 0.5714,
0.3845

Harmonies

Analogous

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



62.4082, 0.3593, 0.3367



62.4082, 0.3618, 0.3566



62.4082, 0.3506, 0.3703

Triad

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



62.4082, 0.3618, 0.3566



62.4082, 0.2821, 0.3420



62.4082, 0.2948, 0.2887

Complementary

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



62.4082, 0.3618, 0.3566



62.3302, 0.2717, 0.2996

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.



62.4082, 0.2753, 0.2886



62.4082, 0.3618, 0.3566



62.4082, 0.2683, 0.3184

Square

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



62.4082, 0.3618, 0.3566



62.4082, 0.3043, 0.3626



62.4082, 0.2658, 0.2990



62.4082, 0.3198, 0.2985

Rectangle

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



62.4082, 0.3618, 0.3566



62.4082, 0.3372, 0.3735



62.4082, 0.2658, 0.2990



62.4082, 0.2874, 0.2875

Sweetspot

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



62.4111, 0.3618, 0.3566



91.2296, 0.3258, 0.3371



53.4406, 0.3359, 0.2888



19.1887, 0.3284, 0.3386



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.



62.4111, 0.3618, 0.3566



69.4114, 0.3735, 0.3621



78.1391, 0.3537, 0.3883



16.0506, 0.3283, 0.3385



14.5907, 0.5685, 0.3868



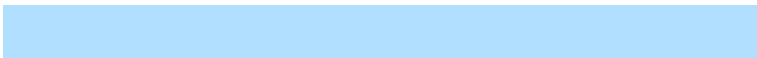
1.3298, 0.5433, 0.4068

Inverse Universe

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



62.3302, 0.2717, 0.2996



69.2949, 0.2639, 0.2932



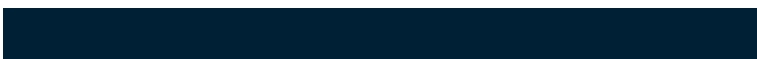
48.3731, 0.2681, 0.2618



16.0444, 0.2981, 0.3193



14.0807, 0.1865, 0.1915



1.2934, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 62.4082, 0.3618, 0.3566 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 62.4082, 0.3618, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

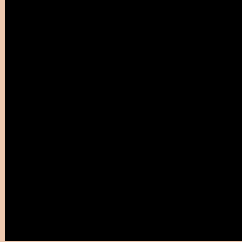
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4082, 0.3618, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 62.4082, 0.3618, 0.3566.



This preview shows how white text looks on a background with the Yxy color 62.4082, 0.3618, 0.3566.

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

62.4082, 0.3618, 0.3566

Protanopia

62.7454, 0.3423, 0.3625

Deuteranopia

62.2927, 0.3638, 0.3554



Tritanopia

62.3841, 0.3384, 0.3131

Trichromacy



Original Color

62.4082, 0.3618, 0.3566

Protanomaly

62.3676, 0.3494, 0.3597

Deuteranomaly

62.1191, 0.3629, 0.3555

Tritanomaly

62.4890, 0.3475, 0.3291

Monochromacy



Original Color

62.4082, 0.3618, 0.3566

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7082, 0.3301, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4082, 0.3618, 0.3566 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(237, 200, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 200, 175)  
}
```

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(237, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 200, 175) }
```

Border

The CSS property to change the border of an element to Yxy 62.4082, 0.3618, 0.3566 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(237, 200, 175) }
```

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

```
.border{ border-color:rgb(237, 200, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 200, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 200,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4082, 0.3618, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 200, 175) }
```

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

```
.background{ background-color: rgb(237,  
200, 175) }
```

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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