

Converting Colors

Yxy(62.7543, 0.3654, 0.3622)

Have a look what the booklet for
Yxy(62.7543, 0.3654, 0.3622)
contains.

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Color

Yxy(62.8907, 0.3655, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	EEC9AB
RGB	238, 201, 171
RGB Percent	93%, 79%, 67%
CMY	0.0667, 0.2117, 0.3292
CMYK	0.00, 0.16, 0.28, 0.07
HSL	27°, 66%, 80%
HSV	27°, 28%, 93%
XYZ	63.4988, 62.8907, 47.3418
YIQ	208.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

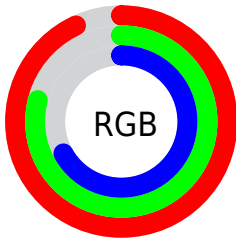
Format	Color
R _Y B	238, 225, 171
Decimal	15649195
CIE Lab	83.38, 8.72, 19.84
CIE LCh	83, 21.667, 66.282
Yxy	62.8907, 0.3655, 0.3620
Android (android.graphics.Color)	4293839275 (0xFFEEC9AB)
YUV	208.6430, -18.5580, 25.7461
Hunter-Lab	79.3037, 4.1443, 20.1183

Details

The Yxy color **62.8907, 0.3655, 0.3620** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9632, 0.2682, 0.2935**, and the grayscale version is **63.6266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **32.0231, 0.3783, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **56.1953, 0.3896, 0.3742**, and if you desaturate by 10%, it is **70.2801, 0.3443, 0.3498**.

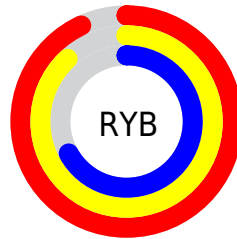
Distribution



Red (93%)

Green (79%)

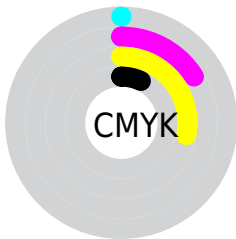
Blue (67%)



Red (93%)

Yellow (88%)

Blue (67%)

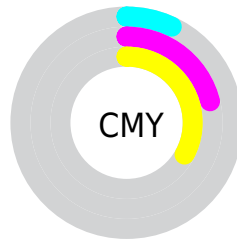


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8907, 0.3655, 0.3620 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 62.8907, 0.3655, 0.3620 by changing the saturation by 10% instead.


 62.8907, 0.3655,
0.3620

 62.8907, 0.3655,
0.3620

435.1727, 0.3403,
0.3468

 45.7528, 0.3714,
0.3654


 109.0118, 0.3566,
0.3568

 32.0508, 0.3788,
0.3696


138.7638, 0.3532,
0.3547

 21.4003, 0.3883,
0.3748


173.4893, 0.3503,
0.3529

 13.4169, 0.4009,
0.3815

213.5726, 0.3477,
0.3514

 7.7163, 0.4182,
0.3901

259.3983, 0.3455,
0.3500

 3.9139, 0.4434,
0.4015

311.3505, 0.3436,

 1.6255, 0.5046,

0.3488

0.4348

369.8139, 0.3419,
0.3478

0.3747, 0.6029,
0.3971

0.0000, 0.0000,
0.0000

62.8907, 0.3655,
0.3620

62.8907, 0.3655,
0.3620

56.1953, 0.3896,
0.3742

70.2801, 0.3443,
0.3498

50.1634, 0.4164,
0.3858

78.3755, 0.3259,
0.3381

44.7747, 0.4454,
0.3958

87.1997, 0.3099,
0.3270

40.0043, 0.4756,
0.4030

96.0261, 0.3023,
0.3276

■ 35.8253, 0.5053,
0.4061

■ 96.9160, 0.3023,
0.3290

■ 32.2077, 0.5322,
0.4039

■ 29.1153, 0.5547,
0.3963

■ 28.5886, 0.5586,
0.3947

Harmonies

Analogous

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



62.8907, 0.3652, 0.3409



62.8907, 0.3655, 0.3620



62.8907, 0.3511, 0.3756

Triad

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



62.8907, 0.3655, 0.3620



62.8907, 0.2761, 0.3391



62.8907, 0.2971, 0.2861

Complementary

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



62.8907, 0.3655, 0.3620



59.9632, 0.2682, 0.2935

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.



62.8907, 0.2746, 0.2841



62.8907, 0.3655, 0.3620



62.8907, 0.2629, 0.3134

Square

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



62.8907, 0.3655, 0.3620



62.8907, 0.2992, 0.3629



62.8907, 0.2624, 0.2936



62.8907, 0.3248, 0.2983

Rectangle

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



62.8907, 0.3655, 0.3620



62.8907, 0.3355, 0.3778



62.8907, 0.2624, 0.2936



62.8907, 0.2887, 0.2842

Sweetspot

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



62.8936, 0.3655, 0.3620



91.7736, 0.3257, 0.3379



51.9211, 0.3401, 0.2879



19.3254, 0.3283, 0.3397



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.



62.8936, 0.3655, 0.3620



68.7722, 0.3796, 0.3694



79.6964, 0.3564, 0.3950



16.9235, 0.3282, 0.3396



16.2003, 0.5560, 0.3968



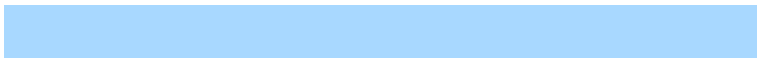
1.5434, 0.5335, 0.4146

Inverse Universe

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



59.9632, 0.2682, 0.2935



64.7923, 0.2586, 0.2846



45.6935, 0.2640, 0.2531



16.6768, 0.2980, 0.3182



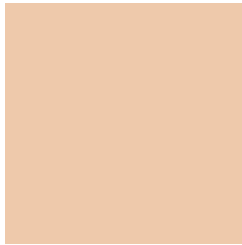
12.8362, 0.1822, 0.1757



1.2662, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 62.8907, 0.3655, 0.3620 looks on a white background.

Color Contrast Check

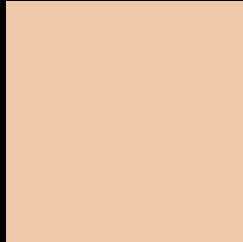
Large Text (above 18pt) WCAG AA × Fail

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 62.8907, 0.3655, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

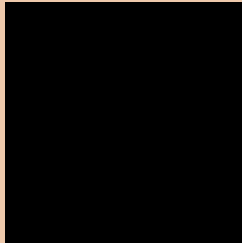
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8907, 0.3655, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 62.8907, 0.3655, 0.3620.



This preview shows how white text looks on a background with the Yxy color 62.8907, 0.3655, 0.3620.

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

62.8907, 0.3655, 0.3620

Protanopia

62.7417, 0.3461, 0.3670

Deuteranopia

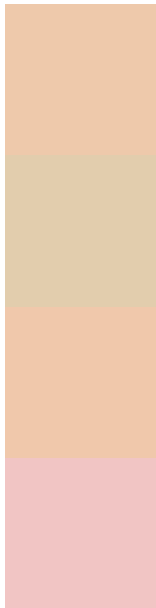
62.9496, 0.3683, 0.3607



Tritanopia

62.7880, 0.3392, 0.3121

Trichromacy



Original Color

62.8907, 0.3655, 0.3620

Protanomaly

62.8485, 0.3530, 0.3653

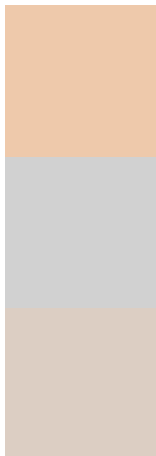
Deuteranomaly

62.7741, 0.3675, 0.3608

Tritanomaly

62.6188, 0.3491, 0.3302

Monochromacy



Original Color

62.8907, 0.3655, 0.3620

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2984, 0.3315, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8907, 0.3655, 0.3620 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(238, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 171)  
}
```

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(238, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 62.8907, 0.3655, 0.3620 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(238, 201, 171) }
```

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

```
.border{ border-color:rgb(238, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8907, 0.3655, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 171) }
```

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

```
.background{ background-color: rgb(238,  
201, 171) }
```

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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