

Converting Colors

$Yxy(57.8436, 0.3625, 0.3520)$

Have a look what the booklet for
Yxy(57.8436, 0.3625, 0.3520)
contains.

Yxy(57.8336, 0.3622, 0.3517)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.8336, 0.3622, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	E8C0AC
RGB	232, 192, 172
RGB Percent	91%, 75%, 67%
CMY	0.0904, 0.2469, 0.3255
CMYK	0.00, 0.17, 0.26, 0.09
HSL	20°, 57%, 79%
HSV	20°, 26%, 91%
XYZ	59.5602, 57.8336, 47.0463
YIQ	201.6800, 30.2600, 2.2600

Conversions

Conversions Part 2

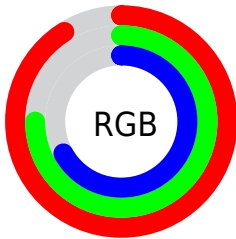
Format	Color
R _{YB}	232, 202, 172
Decimal	15253676
CIE _{Lab}	80.65, 11.29, 15.43
CIE _{LCh}	81, 19.120, 53.812
Yxy	57.8336, 0.3622, 0.3517
Android (android.graphics.Color)	4293443756 (0xFFE8C0AC)
YUV	201.6800, -14.6322, 26.5906
Hunter-Lab	76.0484, 6.7144, 16.5549

Details

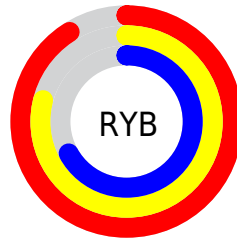
The Yxy color **57.8336, 0.3622, 0.3517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6311, 0.2727, 0.3051**, and the grayscale version is **58.9298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9409, 0.3300, 0.3496**, and **29.0514, 0.3753, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **50.5910, 0.3875, 0.3610**, and if you desaturate by 10%, it is **65.9485, 0.3405, 0.3426**.

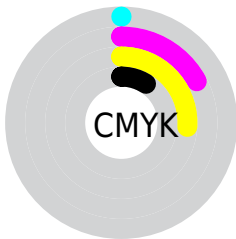
Distribution



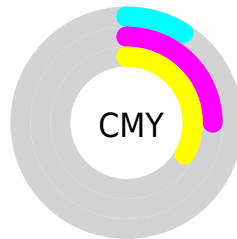
- Red (91%)
- Green (75%)
- Blue (67%)



- Red (91%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8336, 0.3622, 0.3517 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 57.8336, 0.3622, 0.3517 by changing the saturation by 10% instead.


 57.8336, 0.3622,
0.3517

 57.8336, 0.3622,
0.3517


416.5656, 0.3382,
0.3412

 41.6749, 0.3680,
0.3541


 101.6805, 0.3536,
0.3481

 28.8468, 0.3753,
0.3570


130.1375, 0.3504,
0.3467

 18.9650, 0.3847,
0.3606


163.4627, 0.3476,
0.3455

 11.6450, 0.3975,
0.3652

202.0405, 0.3452,
0.3444

 6.5024, 0.4156,
0.3711

246.2553, 0.3431,
0.3435

 3.1529, 0.4430,
0.3789

296.4915, 0.3413,

 1.2121, 0.5186,

0.3426

0.4119

353.1334, 0.3396,
0.3419

0.0715, 0.8277,
0.1723

0.0000, 0.0000,
0.0000

57.8336, 0.3622,
0.3517

57.8336, 0.3622,
0.3517

50.5910, 0.3875,
0.3610

65.9485, 0.3405,
0.3426

44.1830, 0.4166,
0.3698

74.9563, 0.3221,
0.3338

38.5803, 0.4493,
0.3775

84.8865, 0.3066,
0.3257

33.7490, 0.4844,
0.3829

95.1200, 0.2987,
0.3278

■ 29.6526, 0.5200,
0.3846

■ 95.8866, 0.2987,
0.3290

■ 26.2509, 0.5530,
0.3817

■ 23.4985, 0.5803,
0.3738

■ 22.5285, 0.5900,
0.3697

Harmonies

Analogous

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



57.8336, 0.3561, 0.3312



57.8336, 0.3622, 0.3517



57.8336, 0.3544, 0.3674

Triad

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



57.8336, 0.3622, 0.3517



57.8336, 0.2874, 0.3478



57.8336, 0.2891, 0.2879

Complementary

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



57.8336, 0.3622, 0.3517



61.6311, 0.2727, 0.3051

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.



57.8336, 0.2721, 0.2905



57.8336, 0.3622, 0.3517



57.8336, 0.2711, 0.3244

Square

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



57.8336, 0.3622, 0.3517



57.8336, 0.3108, 0.3662



57.8336, 0.2656, 0.3034



57.8336, 0.3131, 0.2954

Rectangle

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



57.8336, 0.3622, 0.3517



57.8336, 0.3427, 0.3727



57.8336, 0.2656, 0.3034



57.8336, 0.2825, 0.2876

Sweetspot

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



57.8363, 0.3622, 0.3517



90.3939, 0.3259, 0.3357



51.3981, 0.3321, 0.2851



18.9790, 0.3286, 0.3370



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.



57.8363, 0.3622, 0.3517



66.8088, 0.3752, 0.3566



72.3416, 0.3542, 0.3835



15.1512, 0.3284, 0.3369



12.7209, 0.5871, 0.3720



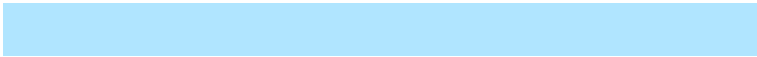
1.1062, 0.5587, 0.3946

Inverse Universe

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



61.6311, 0.2727, 0.3051



72.2493, 0.2646, 0.2994



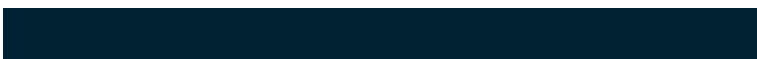
48.0400, 0.2692, 0.2678



15.4821, 0.2981, 0.3210



16.3891, 0.1934, 0.2161



1.3804, 0.1985, 0.2345

Previews

White Background



This preview shows how the Yxy color 57.8336, 0.3622, 0.3517 looks on a white background.

Color Contrast Check

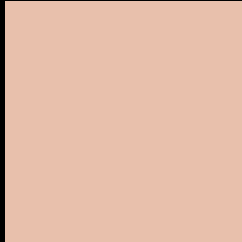
Large Text (above 18pt) WCAG AA × Fail

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 57.8336, 0.3622, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

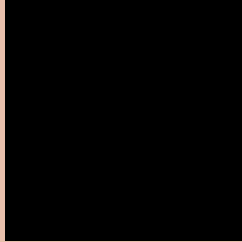
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8336, 0.3622, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 57.8336, 0.3622, 0.3517.



This preview shows how white text looks on a background with the Yxy color 57.8336, 0.3622, 0.3517.

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

57.8336, 0.3622, 0.3517

Protanopia

58.1448, 0.3387, 0.3576

Deuteranopia

57.9415, 0.3603, 0.3529



Tritanopia

57.8929, 0.3409, 0.3137

Trichromacy



Original Color

57.8336, 0.3622, 0.3517

Protanomaly

57.9331, 0.3467, 0.3548

Deuteranomaly

58.1074, 0.3611, 0.3528

Tritanomaly

57.6492, 0.3489, 0.3269

Monochromacy



Original Color

57.8336, 0.3622, 0.3517

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2959, 0.3299, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8336, 0.3622, 0.3517 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(232, 192, 172)` looks like.

```
.text, #text, p{  
  color:rgb(232, 192, 172)  
}
```

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(232, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 172) }
```

Border

The CSS property to change the border of an element to Yxy 57.8336, 0.3622, 0.3517 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(232, 192, 172) }
```

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

```
.border{ border-color:rgb(232, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8336, 0.3622, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 172) }
```

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

```
.background{ background-color: rgb(232,  
192, 172) }
```

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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