

Converting Colors

Yxy(61.4487, 0.3632, 0.3556)

Have a look what the booklet for
Yxy(61.4487, 0.3632, 0.3556)
contains.

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Color

Yxy(61.4487, 0.3632, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	EDC6AE
RGB	237, 198, 174
RGB Percent	93%, 78%, 68%
CMY	0.0705, 0.2235, 0.3177
CMYK	0.00, 0.16, 0.27, 0.07
HSL	23°, 64%, 81%
HSV	23°, 27%, 93%
XYZ	62.7620, 61.4487, 48.5922
YIQ	206.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

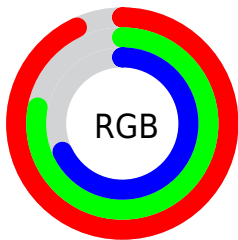
Format	Color
R _{YB}	237, 213, 174
Decimal	15582894
CIE _{Lab}	82.62, 10.32, 17.20
CIE _{LCh}	83, 20.053, 59.035
Yxy	61.4487, 0.3632, 0.3556
Android (android.graphics.Color)	4293772974 (0xFFEDC6AE)
YUV	206.9250, -16.2320, 26.3758
Hunter-Lab	78.3892, 5.7341, 18.1196

Details

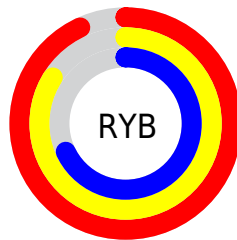
The Yxy color **61.4487, 0.3632, 0.3556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7043, 0.2712, 0.3007**, and the grayscale version is **62.4396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **31.0550, 0.3754, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **54.2214, 0.3880, 0.3661**, and if you desaturate by 10%, it is **69.4945, 0.3417, 0.3452**.

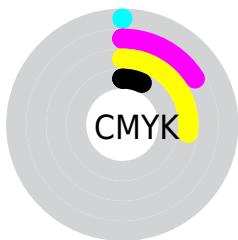
Distribution



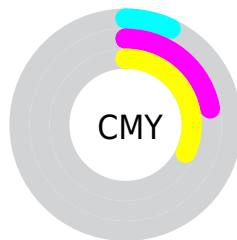
- Red (93%)
- Green (78%)
- Blue (68%)



- Red (93%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4487, 0.3632, 0.3556 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 61.4487, 0.3632, 0.3556 by changing the saturation by 10% instead.


 61.4487, 0.3632,
0.3556

 61.4487, 0.3632,
0.3556


429.9173, 0.3390,
0.3434

 44.5874, 0.3689,
0.3583


 106.9284, 0.3546,
0.3514

 31.1326, 0.3761,
0.3617


136.3155, 0.3513,
0.3497

 20.6998, 0.3854,
0.3659


170.6467, 0.3485,
0.3483

 12.9047, 0.3978,
0.3712

210.3063, 0.3461,
0.3471

 7.3630, 0.4151,
0.3781

255.6788, 0.3440,
0.3460

 3.6901, 0.4408,
0.3872

307.1485, 0.3421,

 1.5018, 0.4994,

0.3450

0.4129

365.0999, 0.3404,
0.3442

0.2900, 0.6453,
0.3547

0.0000, 0.0000,
0.0000

61.4487, 0.3632,
0.3556

61.4487, 0.3632,
0.3556

54.2214, 0.3880,
0.3661

69.4945, 0.3417,
0.3452

47.7772, 0.4162,
0.3762

78.3760, 0.3233,
0.3352

42.0904, 0.4474,
0.3849

88.1203, 0.3076,
0.3259

37.1303, 0.4805,
0.3910

96.7471, 0.3017,
0.3290

■ 32.8640, 0.5138,
0.3934

■ 29.2553, 0.5444,
0.3908

■ 26.2628, 0.5699,
0.3829

■ 25.3692, 0.5776,
0.3795

Harmonies

Analogous

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



61.4487, 0.3594, 0.3350



61.4487, 0.3632, 0.3556



61.4487, 0.3529, 0.3704

Triad

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



61.4487, 0.3632, 0.3556



61.4487, 0.2831, 0.3443



61.4487, 0.2924, 0.2875

Complementary

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



61.4487, 0.3632, 0.3556



62.7043, 0.2712, 0.3007

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.



61.4487, 0.2733, 0.2882



61.4487, 0.3632, 0.3556



61.4487, 0.2681, 0.3201

Square

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



61.4487, 0.3632, 0.3556



61.4487, 0.3062, 0.3647



61.4487, 0.2646, 0.2997



61.4487, 0.3177, 0.2967

Rectangle

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



61.4487, 0.3632, 0.3556



61.4487, 0.3397, 0.3744



61.4487, 0.2646, 0.2997



61.4487, 0.2851, 0.2865

Sweetspot

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



61.4515, 0.3632, 0.3556



90.9608, 0.3258, 0.3366



53.1262, 0.3346, 0.2859



19.1212, 0.3285, 0.3381



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

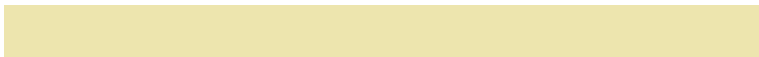
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4515, 0.3632, 0.3556



67.7101, 0.3765, 0.3614



76.8869, 0.3550, 0.3873



15.9946, 0.3283, 0.3380



14.0828, 0.5747, 0.3819



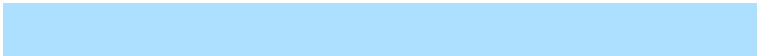
1.2864, 0.5488, 0.4024

Inverse Universe

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



62.7043, 0.2712, 0.3007



69.4147, 0.2626, 0.2939



48.7308, 0.2675, 0.2631



16.1020, 0.2981, 0.3198



14.9435, 0.1887, 0.1993



1.3582, 0.1942, 0.2192

Previews

White Background



This preview shows how the Yxy color 61.4487, 0.3632, 0.3556 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 61.4487, 0.3632, 0.3556 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 61.4487, 0.3632, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 61.4487, 0.3632, 0.3556.



This preview shows how white text looks on a background with the Yxy color 61.4487, 0.3632, 0.3556.

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

61.4487, 0.3632, 0.3556

Protanopia

61.4759, 0.3411, 0.3604

Deuteranopia

61.4487, 0.3632, 0.3556



Tritanopia

61.3948, 0.3402, 0.3130

Trichromacy



Original Color

61.4487, 0.3632, 0.3556

Protanomaly

61.2627, 0.3490, 0.3576

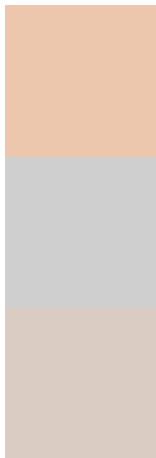
Deuteranomaly

61.4487, 0.3632, 0.3556

Tritanomaly

61.5410, 0.3487, 0.3280

Monochromacy



Original Color

61.4487, 0.3632, 0.3556

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0313, 0.3302, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4487, 0.3632, 0.3556 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, 198, 174)` looks like.

```
.text, #text, p{  
  color:rgb(237, 198, 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(237, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 174) }
```

Border

The CSS property to change the border of an element to Yxy 61.4487, 0.3632, 0.3556 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, 198, 174) }
```

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

```
.border{ border-color:rgb(237, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4487, 0.3632, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 174) }
```

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

```
.background{ background-color: rgb(237,  
198, 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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