

Converting Colors

$Yxy(47.1146, 0.3991, 0.3639)$

Have a look what the booklet for
Yxy(47.1146, 0.3991, 0.3639)
contains.

Yxy(47.2289, 0.3990, 0.3637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.2289, 0.3990, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	E7A98B
RGB	231, 169, 139
RGB Percent	91%, 66%, 55%
CMY	0.0940, 0.3373, 0.4549
CMYK	0.00, 0.27, 0.40, 0.09
HSL	20°, 66%, 73%
HSV	20°, 40%, 91%
XYZ	51.8128, 47.2289, 30.8150
YIQ	184.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

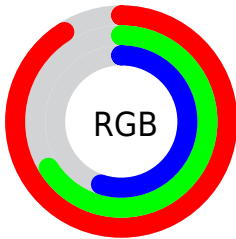
Format	Color
R _{YB}	231, 184, 139
Decimal	15182219
CIE Lab	74.34, 19.07, 24.44
CIE LCh	74, 31.000, 52.040
Yxy	47.2289, 0.3990, 0.3637
Android (android.graphics.Color)	4293372299 (0xFFE7A98B)
YUV	184.1180, -22.2432, 41.1155
Hunter-Lab	68.7233, 14.3115, 21.5211

Details

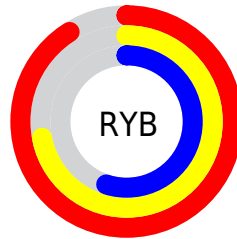
The Yxy color $47.2289, 0.3990, 0.3637$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $53.0633, 0.2520, 0.2908$, and the grayscale version is $48.1097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4216, 0.3565, 0.3606$, and $22.3281, 0.4223, 0.3712$ is the 20% darker color. If you saturate the color by 10%, you get $41.1710, 0.4298, 0.3720$, and if you desaturate by 10%, it is $54.1246, 0.3720, 0.3547$.

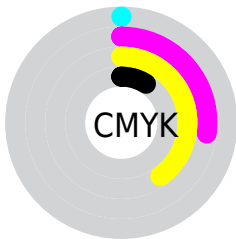
Distribution



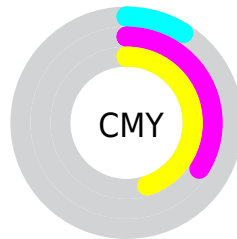
- Red (91%)
- Green (66%)
- Blue (55%)



- Red (91%)
- Yellow (72%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2289, 0.3990, 0.3637 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 47.2289, 0.3990, 0.3637 by changing the saturation by 10% instead.


 47.2289, 0.3990,
0.3637


 47.2289, 0.3990,
0.3637


375.7275, 0.3557,
0.3480


 33.2166, 0.4097,
0.3670


 86.0552, 0.3833,
0.3584

 22.2925, 0.4234,
0.3710


 111.6380, 0.3774,
0.3563

 14.0720, 0.4414,
0.3755


 141.8465, 0.3724,
0.3544

 8.1707, 0.4658,
0.3806

177.0650, 0.3681,
0.3528

 4.2044, 0.5003,
0.3852

217.6780, 0.3643,
0.3514

 1.7885, 0.5859,
0.4097

264.0698, 0.3611,

 0.4800, 0.6582,

0.3501

0.3418

316.6248, 0.3582,
0.3490

0.0000, 0.0000,
0.0000

47.2289, 0.3990,
0.3637

47.2289, 0.3990,
0.3637

41.1710, 0.4298,
0.3720

54.1246, 0.3720,
0.3547

35.9110, 0.4640,
0.3787

61.8825, 0.3488,
0.3457

31.4153, 0.5000,
0.3826

70.5345, 0.3291,
0.3370

27.6453, 0.5353,
0.3824

80.1087, 0.3125,
0.3289

24.5581, 0.5667,
0.3774

90.6318, 0.2984,
0.3213

■ 22.0992, 0.5918,
0.3682

■ 95.7353, 0.2982,
0.3290

■ 22.0626, 0.5922,
0.3680

Harmonies

Analogous

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



47.2289, 0.3872, 0.3290



47.2289, 0.3990, 0.3637



47.2289, 0.3858, 0.3928

Triad

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



47.2289, 0.3990, 0.3637



47.2289, 0.2707, 0.3644



47.2289, 0.2698, 0.2599

Complementary

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



47.2289, 0.3990, 0.3637



53.0633, 0.2520, 0.2908

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.



47.2289, 0.2427, 0.2640



47.2289, 0.3990, 0.3637



47.2289, 0.2431, 0.3219

Square

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



47.2289, 0.3990, 0.3637



47.2289, 0.3107, 0.3971



47.2289, 0.2333, 0.2854



47.2289, 0.3100, 0.2717

Rectangle

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



47.2289, 0.3990, 0.3637



47.2289, 0.3656, 0.4044



47.2289, 0.2333, 0.2854



47.2289, 0.2590, 0.2594

Sweetspot

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



47.2312, 0.3990, 0.3637



85.7188, 0.3332, 0.3389



39.7230, 0.3448, 0.2592



18.0364, 0.3357, 0.3401



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.



47.2312, 0.3990, 0.3637



52.6270, 0.4247, 0.3708



67.0371, 0.3789, 0.4116



15.1308, 0.3284, 0.3367



12.5650, 0.5893, 0.3703



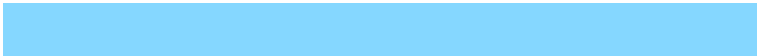
1.0928, 0.5608, 0.3929

Inverse Universe

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



53.0633, 0.2520, 0.2908



60.8407, 0.2402, 0.2811



34.9991, 0.2425, 0.2297



15.5034, 0.2981, 0.3212



16.7530, 0.1942, 0.2192



1.4053, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 47.2289, 0.3990, 0.3637 looks on a white background.

Color Contrast Check

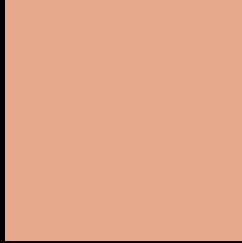
Large Text (above 18pt) WCAG AA × Fail

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 47.2289, 0.3990, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

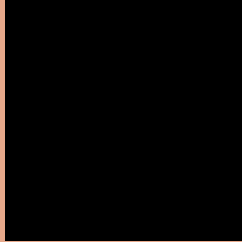
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2289, 0.3990, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 47.2289, 0.3990, 0.3637.



This preview shows how white text looks on a background with the Yxy color 47.2289, 0.3990, 0.3637.

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

47.2289, 0.3990, 0.3637

Protanopia

47.5134, 0.3545, 0.3781

Deuteranopia

47.4846, 0.3826, 0.3752



Tritanopia

47.3477, 0.3691, 0.3156

Trichromacy



Original Color

47.2289, 0.3990, 0.3637

Protanomaly

47.2339, 0.3699, 0.3726

Deuteranomaly

47.0943, 0.3886, 0.3709

Tritanomaly

47.4092, 0.3801, 0.3326

Monochromacy



Original Color

47.2289, 0.3990, 0.3637

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4849, 0.3414, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2289, 0.3990, 0.3637 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(231, 169, 139)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 139)  
}
```

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(231, 169, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 139) }
```

Border

The CSS property to change the border of an element to Yxy 47.2289, 0.3990, 0.3637 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(231, 169, 139) }
```

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

```
.border{ border-color:rgb(231, 169, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 169, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 169, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 169, 139); box-shadow:4px 4px 4px 4px rgb(231, 169, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2289, 0.3990, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 139) }
```

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

```
.background{ background-color: rgb(231,  
169, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor