

Converting Colors

$Yxy(41.7158, 0.4006, 0.3431)$

Have a look what the booklet for
Yxy(41.7158, 0.4006, 0.3431)
contains.

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Color

Yxy(41.7222, 0.4011, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	E59A8E
RGB	229, 154, 142
RGB Percent	90%, 60%, 56%
CMY	0.1020, 0.3960, 0.4432
CMYK	0.00, 0.33, 0.38, 0.10
HSL	8°, 63%, 73%
HSV	8°, 38%, 90%
XYZ	48.7468, 41.7222, 31.0638
YIQ	175.0570, 48.5520, 12.1680

Conversions

Conversions Part 2

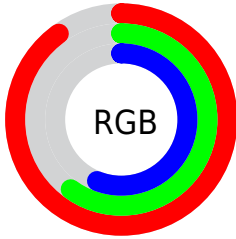
Format	Color
R _Y B	229, 156, 142
Decimal	15047310
CIE Lab	70.68, 26.61, 17.78
CIE LCh	71, 32.006, 33.756
Yxy	41.7222, 0.4011, 0.3433
Android (android.graphics.Color)	4293237390 (0xFFE59A8E)
YUV	175.0570, -16.2971, 47.3080
Hunter-Lab	64.5927, 21.6730, 16.7013

Details

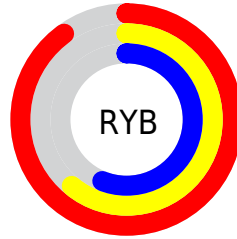
The Yxy color **41.7222, 0.4011, 0.3433** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0032, 0.2577, 0.3139**, and the grayscale version is **42.9682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8465, 0.3578, 0.3425**, and **18.9334, 0.4272, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **35.1187, 0.4366, 0.3468**, and if you desaturate by 10%, it is **49.5415, 0.3712, 0.3394**.

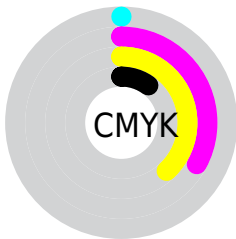
Distribution



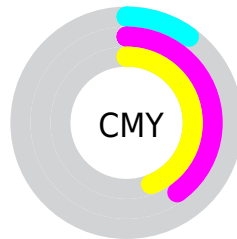
- Red (90%)
- Green (60%)
- Blue (56%)



- Red (90%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (38%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7222, 0.4011, 0.3433 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 41.7222, 0.4011, 0.3433 by changing the saturation by 10% instead.


 41.7222, 0.4011,
0.3433


 41.7222, 0.4011,
0.3433


353.3301, 0.3556,
0.3375


 28.8838, 0.4128,
0.3442


 77.7790, 0.3843,
0.3416

 18.9930, 0.4279,
0.3451


 101.7662, 0.3781,
0.3408

 11.6652, 0.4482,
0.3458


 130.2386, 0.3729,
0.3401

 6.5161, 0.4767,
0.3455

163.5803, 0.3684,
0.3395

 3.1614, 0.5191,
0.3425

202.1760, 0.3645,
0.3389

 1.2166, 0.6314,
0.3558

246.4099, 0.3612,

 0.0752, 0.9056,

0.3384

0.0944

296.6664, 0.3582,
0.3380

0.0000, 0.0000,
0.0000

41.7222, 0.4011,
0.3433

41.7222, 0.4011,
0.3433

35.1187, 0.4366,
0.3468

49.5415, 0.3712,
0.3394

29.6640, 0.4773,
0.3495

58.6270, 0.3464,
0.3355

25.2937, 0.5212,
0.3506

69.0340, 0.3262,
0.3318

21.9347, 0.5641,
0.3494

80.8124, 0.3097,
0.3283

19.5046, 0.6005,
0.3455

93.9149, 0.2969,
0.3266

■ 17.9059, 0.6252,
0.3397

■ 95.3962, 0.2970,
0.3290

■ 17.6725, 0.6290,
0.3387

Harmonies

Analogous

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



41.7222, 0.3730, 0.3068



41.7222, 0.4011, 0.3433



41.7222, 0.4030, 0.3792

Triad

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



41.7222, 0.4011, 0.3433



41.7222, 0.2926, 0.3913



41.7222, 0.2470, 0.2555

Complementary

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



41.7222, 0.4011, 0.3433



61.0032, 0.2577, 0.3139

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.



41.7222, 0.2293, 0.2709



41.7222, 0.4011, 0.3433



41.7222, 0.2540, 0.3494

Square

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



41.7222, 0.4011, 0.3433



41.7222, 0.3385, 0.4122



41.7222, 0.2317, 0.3042



41.7222, 0.2822, 0.2582

Rectangle

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



41.7222, 0.4011, 0.3433



41.7222, 0.3896, 0.3987



41.7222, 0.2317, 0.3042



41.7222, 0.2390, 0.2586

Sweetspot

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



41.7242, 0.4011, 0.3433



83.8610, 0.3320, 0.3329



41.0238, 0.3276, 0.2463



17.5557, 0.3347, 0.3334



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.



41.7242, 0.4011, 0.3433



46.1753, 0.4301, 0.3463



58.5784, 0.3821, 0.3915



14.6880, 0.3289, 0.3323



10.2068, 0.6272, 0.3402



0.8570, 0.6037, 0.3588

Inverse Universe

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



61.0032, 0.2577, 0.3139



74.1946, 0.2477, 0.3101



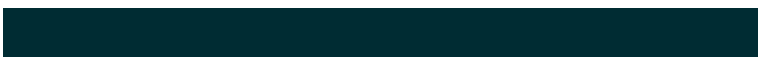
41.6300, 0.2493, 0.2569



15.9784, 0.2981, 0.3257



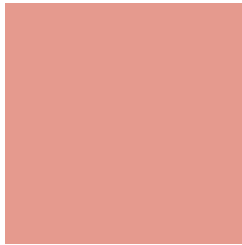
26.2791, 0.2124, 0.2847



2.0361, 0.2144, 0.2918

Previews

White Background



This preview shows how the Yxy color 41.7222, 0.4011, 0.3433 looks on a white background.

Color Contrast Check

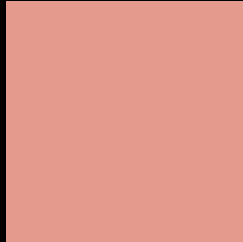
Large Text (above 18pt) WCAG AA × Fail

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 41.7222, 0.4011, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

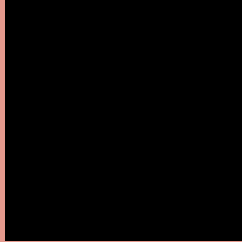
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7222, 0.4011, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 41.7222, 0.4011, 0.3433.



This preview shows how white text looks on a background with the Yxy color 41.7222, 0.4011, 0.3433.

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

41.7222, 0.4011, 0.3433

Protanopia

41.9453, 0.3389, 0.3591

Deuteranopia

41.7224, 0.3713, 0.3626



Tritanopia

41.7308, 0.3833, 0.3165

Trichromacy



Original Color

41.7222, 0.4011, 0.3433

Protanomaly

41.4163, 0.3598, 0.3526

Deuteranomaly

41.7608, 0.3818, 0.3553

Tritanomaly

41.6460, 0.3893, 0.3257

Monochromacy



Original Color

41.7222, 0.4011, 0.3433

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.8839, 0.3427, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7222, 0.4011, 0.3433 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(229, 154, 142)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 142)  
}
```

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(229, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 142) }
```

Border

The CSS property to change the border of an element to Yxy 41.7222, 0.4011, 0.3433 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(229, 154, 142) }
```

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

```
.border{ border-color:rgb(229, 154, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7222, 0.4011, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 142) }
```

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

```
.background{ background-color: rgb(229,  
154, 142) }
```

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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