

Converting Colors

$Y_{xy}(42.1861, 0.3980, 0.3354)$

Have a look what the booklet for
Yxy(42.1861, 0.3980, 0.3354)
contains.

Yxy(42.0764, 0.3982, 0.3350)	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(42.0764, 0.3982, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	E89994
RGB	232, 153, 148
RGB Percent	91%, 60%, 58%
CMY	0.0902, 0.4000, 0.4195
CMYK	0.00, 0.34, 0.36, 0.09
HSL	4°, 65%, 75%
HSV	4°, 36%, 91%
XYZ	50.0144, 42.0764, 33.5104
YIQ	176.0510, 48.6890, 15.1930

Conversions

Conversions Part 2

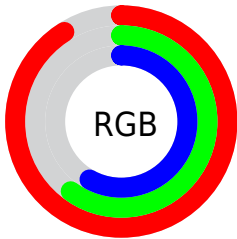
Format	Color
R _Y B	232, 153, 148
Decimal	15243668
CIE Lab	70.92, 29.00, 14.84
CIE LCh	71, 32.571, 27.098
Yxy	42.0764, 0.3982, 0.3350
Android (android.graphics.Color)	4293433748 (0xFFE89994)
YUV	176.0510, -13.8291, 49.0673
Hunter-Lab	64.8663, 24.1142, 14.7768

Details

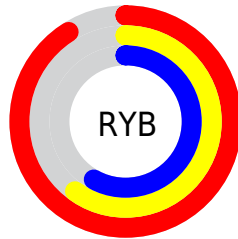
The Yxy color **42.0764, 0.3982, 0.3350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0633, 0.2612, 0.3228**, and the grayscale version is **43.5003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6360, 0.3534, 0.3353**, and **19.1691, 0.4245, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **34.9135, 0.4349, 0.3366**, and if you desaturate by 10%, it is **50.6967, 0.3678, 0.3333**.

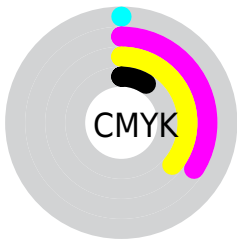
Distribution



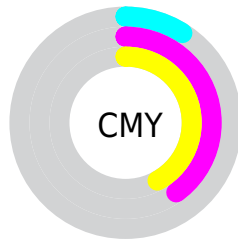
- Red (91%)
- Green (60%)
- Blue (58%)



- Red (91%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0764, 0.3982, 0.3350 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 42.0764, 0.3982, 0.3350 by changing the saturation by 10% instead.


 42.0764, 0.3982,
0.3350

 42.0764, 0.3982,
0.3350


354.7995, 0.3543,
0.3333

 29.1611, 0.4095,
0.3350


 78.3152, 0.3820,
0.3347

 19.2027, 0.4241,
0.3347


 102.4076, 0.3760,
0.3345

 11.8169, 0.4437,
0.3339


130.9944, 0.3709,
0.3342

 6.6191, 0.4714,
0.3318

164.4601, 0.3666,
0.3340

 3.2251, 0.5129,
0.3266

203.1891, 0.3629,
0.3338

 1.2503, 0.6027,
0.3248

247.5657, 0.3597,

 0.1022, 0.8873,

0.3336

0.1127

297.9744, 0.3568,
0.3334

0.0000, 0.0000,
0.0000

42.0764, 0.3982,
0.3350

42.0764, 0.3982,
0.3350

34.9135, 0.4349,
0.3366

50.6967, 0.3678,
0.3333

29.1219, 0.4775,
0.3378

60.8423, 0.3430,
0.3316

24.6156, 0.5239,
0.3383

72.5841, 0.3231,
0.3299

21.2967, 0.5693,
0.3377

85.9869, 0.3070,
0.3285

19.0530, 0.6071,
0.3359

95.8944, 0.2987,
0.3290

■ 17.7507, 0.6310,
0.3332

■ 17.4626, 0.6367,
0.3326

Harmonies

Analogous

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



42.0764, 0.3647, 0.2989



42.0764, 0.3982, 0.3350



42.0764, 0.4063, 0.3722

Triad

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



42.0764, 0.3982, 0.3350



42.0764, 0.3024, 0.3993



42.0764, 0.2405, 0.2564

Complementary

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



42.0764, 0.3982, 0.3350



67.0633, 0.2612, 0.3228

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.



42.0764, 0.2269, 0.2761



42.0764, 0.3982, 0.3350



42.0764, 0.2606, 0.3601

Square

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



42.0764, 0.3982, 0.3350



42.0764, 0.3489, 0.4144



42.0764, 0.2339, 0.3133



42.0764, 0.2725, 0.2552

Rectangle

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



42.0764, 0.3982, 0.3350



42.0764, 0.3964, 0.3937



42.0764, 0.2339, 0.3133



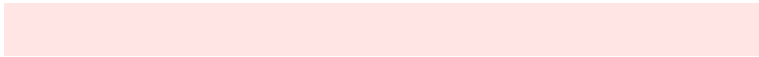
42.0764, 0.2338, 0.2608

Sweetspot

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



42.0784, 0.3982, 0.3350



82.6298, 0.3322, 0.3307



43.9305, 0.3205, 0.2434



17.2650, 0.3350, 0.3309



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.



42.0784, 0.3982, 0.3350



45.7275, 0.4233, 0.3362



57.9678, 0.3811, 0.3811



14.5046, 0.3291, 0.3305



9.7546, 0.6356, 0.3335



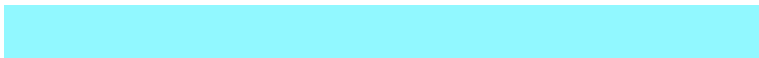
0.7696, 0.6235, 0.3432

Inverse Universe

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



67.0633, 0.2612, 0.3228



80.7057, 0.2530, 0.3215



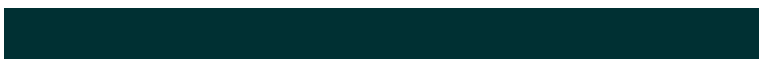
47.1602, 0.2538, 0.2702



16.1820, 0.2982, 0.3275



31.2013, 0.2196, 0.3104



2.3505, 0.2204, 0.3133

Previews

White Background



This preview shows how the Yxy color 42.0764, 0.3982, 0.3350 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 42.0764, 0.3982, 0.3350 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 42.0764, 0.3982, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 42.0764, 0.3982, 0.3350.



This preview shows how white text looks on a background with the Yxy color 42.0764, 0.3982, 0.3350.

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

42.0764, 0.3982, 0.3350

Protanopia

42.1795, 0.3328, 0.3494

Deuteranopia

42.0993, 0.3653, 0.3575



Tritanopia

42.0655, 0.3853, 0.3166

Trichromacy



Original Color

42.0764, 0.3982, 0.3350

Protanomaly

41.8849, 0.3561, 0.3446

Deuteranomaly

41.9130, 0.3769, 0.3491

Tritanomaly

42.2144, 0.3902, 0.3235

Monochromacy



Original Color

42.0764, 0.3982, 0.3350

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.4942, 0.3407, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0764, 0.3982, 0.3350 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, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 148)  
}
```

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, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 148) }
```

Border

The CSS property to change the border of an element to Yxy 42.0764, 0.3982, 0.3350 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, 153, 148) }
```

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

```
.border{ border-color:rgb(232, 153, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0764, 0.3982, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 148) }
```

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

```
.background{ background-color: rgb(232,  
153, 148) }
```

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