

Converting Colors

$Y_{xy}(42.2899, 0.4168, 0.3537)$

Have a look what the booklet for
Yxy(42.2899, 0.4168, 0.3537)
contains.

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Color

Yxy(42.4393, 0.4172, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	EB9A84
RGB	235, 154, 132
RGB Percent	92%, 60%, 52%
CMY	0.0783, 0.3961, 0.4823
CMYK	0.00, 0.34, 0.44, 0.08
HSL	13°, 72%, 72%
HSV	13°, 44%, 92%
XYZ	49.9878, 42.4393, 27.3902
YIQ	175.7110, 55.3380, 10.3300

Conversions

Conversions Part 2

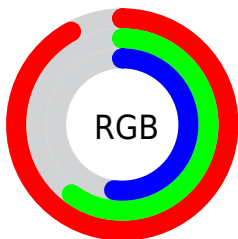
Format	Color
R _Y B	235, 160, 132
Decimal	15440516
CIE Lab	71.17, 27.85, 24.04
CIE LCh	71, 36.794, 40.806
Yxy	42.4393, 0.4172, 0.3542
Android (android.graphics.Color)	4293630596 (0xFFEB9A84)
YUV	175.7110, -21.5495, 51.9965
Hunter-Lab	65.1455, 22.9631, 20.6735

Details

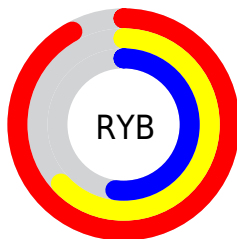
The Yxy color **42.4393, 0.4172, 0.3542** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5154, 0.2488, 0.3013**, and the grayscale version is **43.3519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3637, 0.3662, 0.3539**, and **19.3420, 0.4481, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **36.2293, 0.4534, 0.3591**, and if you desaturate by 10%, it is **49.7383, 0.3858, 0.3484**.

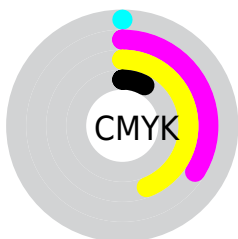
Distribution



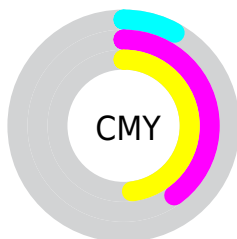
- Red (92%)
- Green (60%)
- Blue (52%)



- Red (92%)
- Yellow (63%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (8%)




- Cyan (8%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4393, 0.4172, 0.3542 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 42.4393, 0.4172, 0.3542 by changing the saturation by 10% instead.


 42.4393, 0.4172,
0.3542

 42.4393, 0.4172,
0.3542

356.3008, 0.3637,
0.3437

 29.4454, 0.4307,
0.3561


 78.8641, 0.3976,
0.3509

 19.4180, 0.4481,
0.3580


 103.0637, 0.3903,
0.3495

 11.9727, 0.4712,
0.3596


 131.7675, 0.3841,
0.3483

 6.7251, 0.5030,
0.3600

165.3596, 0.3788,
0.3472

 3.2908, 0.5486,
0.3569

204.2247, 0.3743,
0.3461

 1.2854, 0.6432,
0.3568

248.7469, 0.3703,

 0.1298, 0.8609,

0.3452

0.1391

299.3109, 0.3668,
0.3444

0.0000, 0.0000,
0.0000

42.4393, 0.4172,
0.3542

42.4393, 0.4172,
0.3542

36.2293, 0.4534,
0.3591

49.7383, 0.3858,
0.3484

31.0492, 0.4934,
0.3624

58.1689, 0.3593,
0.3424

26.8438, 0.5346,
0.3629

67.7794, 0.3372,
0.3366

23.5500, 0.5729,
0.3598

78.6131, 0.3189,
0.3310

21.0966, 0.6033,
0.3531

90.7112, 0.3037,
0.3259

■ 19.9605, 0.6174,
0.3480

■ 96.4062, 0.3005,
0.3290

Harmonies

Analogous

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



42.4393, 0.3915, 0.3127



42.4393, 0.4172, 0.3542



42.4393, 0.4115, 0.3937

Triad

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



42.4393, 0.4172, 0.3542



42.4393, 0.2778, 0.3911



42.4393, 0.2459, 0.2450

Complementary

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



42.4393, 0.4172, 0.3542



58.5154, 0.2488, 0.3013

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.



42.4393, 0.2213, 0.2568



42.4393, 0.4172, 0.3542



42.4393, 0.2381, 0.3393

Square

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



42.4393, 0.4172, 0.3542



42.4393, 0.3291, 0.4223



42.4393, 0.2184, 0.2895



42.4393, 0.2892, 0.2526

Rectangle

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



42.4393, 0.4172, 0.3542



42.4393, 0.3919, 0.4140



42.4393, 0.2184, 0.2895



42.4393, 0.2354, 0.2466

Sweetspot

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



42.4414, 0.4172, 0.3542



82.5224, 0.3356, 0.3361



39.0483, 0.3371, 0.2406



17.0822, 0.3401, 0.3374



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.



42.4414, 0.4172, 0.3542



44.0093, 0.4511, 0.3589



62.5752, 0.3916, 0.4080



15.5750, 0.3288, 0.3341



11.2570, 0.6149, 0.3499



1.0211, 0.5888, 0.3707

Inverse Universe

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



58.5154, 0.2488, 0.3013



65.6821, 0.2375, 0.2943



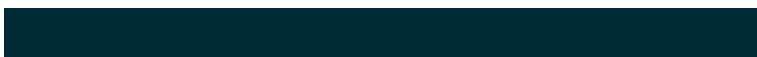
37.0701, 0.2373, 0.2339



16.5445, 0.2981, 0.3239



22.8081, 0.2053, 0.2589



1.9268, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 42.4393, 0.4172, 0.3542 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 42.4393, 0.4172, 0.3542 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 42.4393, 0.4172, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 42.4393, 0.4172, 0.3542.



This preview shows how white text looks on a background with the Yxy color 42.4393, 0.4172, 0.3542.

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

42.4393, 0.4172, 0.3542

Protanopia

42.5095, 0.3512, 0.3737

Deuteranopia

42.3442, 0.3852, 0.3773



Tritanopia

42.5630, 0.3916, 0.3169

Trichromacy



Original Color

42.4393, 0.4172, 0.3542

Protanomaly

42.1689, 0.3738, 0.3663

Deuteranomaly

42.2041, 0.3975, 0.3682

Tritanomaly

42.3398, 0.4019, 0.3304

Monochromacy



Original Color

42.4393, 0.4172, 0.3542

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.4136, 0.3471, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4393, 0.4172, 0.3542 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(235, 154, 132)` looks like.

```
.text, #text, p{  
    color:rgb(235, 154, 132)  
}
```

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(235, 154, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 154, 132) }
```

Border

The CSS property to change the border of an element to Yxy 42.4393, 0.4172, 0.3542 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(235, 154, 132) }
```

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

```
.border{ border-color:rgb(235, 154, 132) }
```

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

Here you see how a box with a 4 pixel rgb(235, 154, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 154, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 154, 132);  
box-shadow:4px 4px 4px 4px rgb(235, 154,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4393, 0.4172, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 154, 132) }
```

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

```
.background{ background-color: rgb(235,  
154, 132) }
```

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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