

Converting Colors

$Y_{xy}(40.1793, 0.4217, 0.3538)$

Have a look what the booklet for
Yxy(40.1793, 0.4217, 0.3538)
contains.

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Color

Yxy(40.2092, 0.4212, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	E89580
RGB	232, 149, 128
RGB Percent	91%, 58%, 50%
CMY	0.0902, 0.4157, 0.4982
CMYK	0.00, 0.36, 0.45, 0.09
HSL	12°, 69%, 71%
HSV	12°, 45%, 91%
XYZ	47.9234, 40.2092, 25.6456
YIQ	171.4230, 56.2090, 11.0650

Conversions

Conversions Part 2

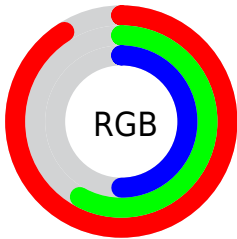
Format	Color
R_{YB}	232, 154, 128
Decimal	15242624
CIE _{Lab}	69.62, 28.92, 24.10
CIE _{LCh}	70, 37.645, 39.815
Yxy	40.2092, 0.4212, 0.3534
Android (android.graphics.Color)	4293432704 (0xFFE89580)
YUV	171.4230, -21.4075, 53.1260
Hunter-Lab	63.4107, 23.9346, 20.4085

Details

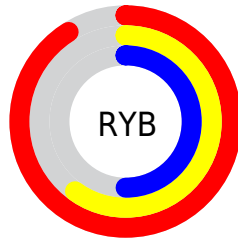
The Yxy color **40.2092, 0.4212, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9896, 0.2479, 0.3021**, and the grayscale version is **41.0372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7819, 0.3707, 0.3530**, and **17.9981, 0.4531, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **34.2695, 0.4582, 0.3579**, and if you desaturate by 10%, it is **47.2234, 0.3891, 0.3480**.

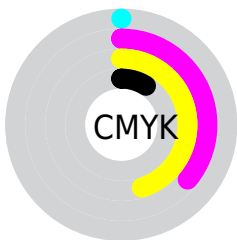
Distribution



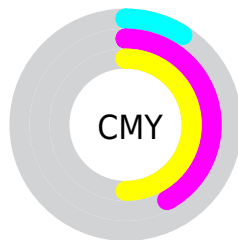
- Red (91%)
- Green (58%)
- Blue (50%)



- Red (91%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (9%)




- Cyan (9%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2092, 0.4212, 0.3534 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 40.2092, 0.4212, 0.3534 by changing the saturation by 10% instead.


 40.2092, 0.4212,
0.3534


 40.2092, 0.4212,
0.3534


347.0045, 0.3652,
0.3433


 27.7017, 0.4355,
0.3551


 75.4820, 0.4005,
0.3503

 18.1009, 0.4540,
0.3567


 99.0160, 0.3929,
0.3490

 11.0225, 0.4787,
0.3579


 126.9944, 0.3864,
0.3478

 6.0819, 0.5127,
0.3574

159.8014, 0.3809,
0.3467

 2.8950, 0.5637,
0.3534

197.8216, 0.3762,
0.3457

 1.0771, 0.6563,
0.3437

241.4392, 0.3720,

 0.0000, 1.0000,

0.3449

0.0000

291.0387, 0.3684,
0.3441

0.0000, 0.0000,
0.0000

40.2092, 0.4212,
0.3534

40.2092, 0.4212,
0.3534

34.2695, 0.4582,
0.3579

47.2234, 0.3891,
0.3480

29.3448, 0.4989,
0.3607

55.3558, 0.3619,
0.3423

25.3788, 0.5404,
0.3608

64.6550, 0.3393,
0.3367

22.3070, 0.5784,
0.3574

75.1648, 0.3206,
0.3314

20.0565, 0.6079,
0.3505

86.9269, 0.3051,
0.3265

■ 19.1834, 0.6193,
0.3464

■ 95.8977, 0.2988,
0.3290

Harmonies

Analogous

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



40.2092, 0.3935, 0.3106



40.2092, 0.4212, 0.3534



40.2092, 0.4162, 0.3947

Triad

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



40.2092, 0.4212, 0.3534



40.2092, 0.2779, 0.3955



40.2092, 0.2421, 0.2419

Complementary

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



40.2092, 0.4212, 0.3534



56.9896, 0.2479, 0.3021

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.



40.2092, 0.2174, 0.2547



40.2092, 0.4212, 0.3534



40.2092, 0.2362, 0.3414

Square

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



40.2092, 0.4212, 0.3534



40.2092, 0.3314, 0.4269



40.2092, 0.2152, 0.2892



40.2092, 0.2865, 0.2493

Rectangle

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



40.2092, 0.4212, 0.3534



40.2092, 0.3962, 0.4164



40.2092, 0.2152, 0.2892



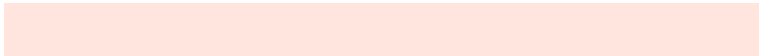
40.2092, 0.2315, 0.2438

Sweetspot

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



40.2112, 0.4212, 0.3534



82.3171, 0.3357, 0.3358



37.3007, 0.3378, 0.2387



17.0321, 0.3402, 0.3370



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.



40.2112, 0.4212, 0.3534



42.8453, 0.4560, 0.3577



60.3944, 0.3935, 0.4097



14.8375, 0.3287, 0.3338



10.7914, 0.6169, 0.3484



0.9276, 0.5894, 0.3702

Inverse Universe

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



56.9896, 0.2479, 0.3021



66.0481, 0.2368, 0.2954



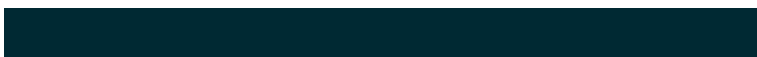
35.2718, 0.2355, 0.2314



15.8154, 0.2981, 0.3241



22.7028, 0.2064, 0.2629



1.8034, 0.2094, 0.2736

Previews

White Background



This preview shows how the Yxy color 40.2092, 0.4212, 0.3534 looks on a white background.

Color Contrast Check

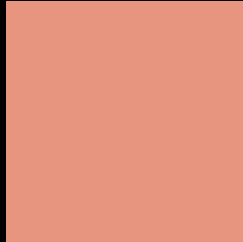
Large Text (above 18pt) WCAG AA × Fail

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 40.2092, 0.4212, 0.3534 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 40.2092, 0.4212, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 40.2092, 0.4212, 0.3534.



This preview shows how white text looks on a background with the Yxy color 40.2092, 0.4212, 0.3534.

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

40.2092, 0.4212, 0.3534

Protanopia

40.4082, 0.3512, 0.3732

Deuteranopia

40.2316, 0.3869, 0.3782



Tritanopia

40.1435, 0.3949, 0.3167

Trichromacy



Original Color

40.2092, 0.4212, 0.3534

Protanomaly

39.8413, 0.3767, 0.3656

Deuteranomaly

40.1062, 0.3995, 0.3689

Tritanomaly

39.9567, 0.4044, 0.3293

Monochromacy



Original Color

40.2092, 0.4212, 0.3534

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8984, 0.3491, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2092, 0.4212, 0.3534 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, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(232, 149, 128)  
}
```

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, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 40.2092, 0.4212, 0.3534 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, 149, 128) }
```

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

```
.border{ border-color:rgb(232, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(232, 149,  
128) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 40.2092, 0.4212, 0.3534$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 149, 128) }
```

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

```
.background{ background-color: rgb(232,  
149, 128) }
```

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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