

Converting Colors

$Y_{xy}(40.2575, 0.4153, 0.3442)$

Have a look what the booklet for
Yxy(40.2575, 0.4153, 0.3442)
contains.

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Color

Yxy(40.2527, 0.4153, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	E99487
RGB	233, 148, 135
RGB Percent	91%, 58%, 53%
CMY	0.0863, 0.4196, 0.4706
CMYK	0.00, 0.36, 0.42, 0.09
HSL	8°, 69%, 72%
HSV	8°, 42%, 91%
XYZ	48.5675, 40.2527, 28.1254
YIQ	171.9330, 54.8330, 13.9770

Conversions

Conversions Part 2

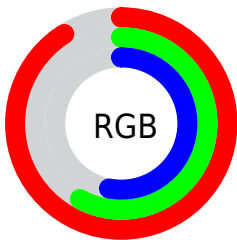
Format	Color
R_{YB}	233, 150, 135
Decimal	15307911
CIE _{Lab}	69.65, 30.56, 20.30
CIE _{LCh}	70, 36.685, 33.594
Yxy	40.2527, 0.4153, 0.3442
Android (android.graphics.Color)	4293497991 (0xFFE99487)
YUV	171.9330, -18.2080, 53.5558
Hunter-Lab	63.4450, 25.6140, 18.1280

Details

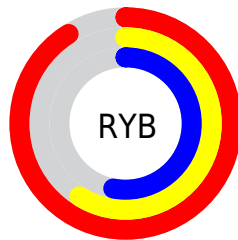
The Yxy color **40.2527, 0.4153, 0.3442** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2112, 0.2528, 0.3127**, and the grayscale version is **41.2930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6027, 0.3654, 0.3447**, and **18.1356, 0.4477, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **33.8734, 0.4533, 0.3473**, and if you desaturate by 10%, it is **47.8859, 0.3829, 0.3406**.

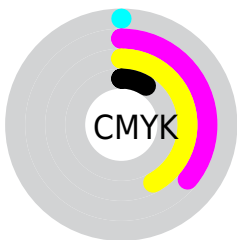
Distribution



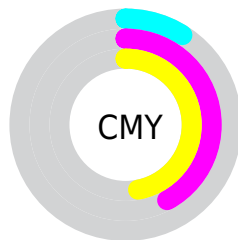
- Red (91%)
- Green (58%)
- Blue (53%)



- Red (91%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2527, 0.4153, 0.3442 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 40.2527, 0.4153, 0.3442 by changing the saturation by 10% instead.


 40.2527, 0.4153,
0.3442


 40.2527, 0.4153,
0.3442


347.1875, 0.3622,
0.3385


 27.7356, 0.4289,
0.3449


 75.5482, 0.3957,
0.3426

 18.1265, 0.4466,
0.3455


 99.0953, 0.3884,
0.3419

 11.0408, 0.4704,
0.3453


 127.0880, 0.3823,
0.3412

 6.0943, 0.5035,
0.3436

159.9106, 0.3771,
0.3405

 2.9025, 0.5524,
0.3373

197.9474, 0.3726,
0.3399

 1.0810, 0.6640,
0.3360

241.5829, 0.3687,

 0.0000, 1.0000,

0.3394

0.0000

291.2015, 0.3653,
0.3389

0.0000, 0.0000,
0.0000

40.2527, 0.4153,
0.3442

40.2527, 0.4153,
0.3442

33.8734, 0.4533,
0.3473

47.8859, 0.3829,
0.3406

28.6751, 0.4959,
0.3493

56.8291, 0.3560,
0.3368

24.5866, 0.5402,
0.3495


67.1420, 0.3340,
0.3331

21.5262, 0.5814,
0.3473

78.8790, 0.3160,
0.3297

19.4010, 0.6132,
0.3425

92.0914, 0.3013,
0.3265

 18.3018, 0.6298,
0.3381

 96.0644, 0.2993,
0.3290

Harmonies

Analogous

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



40.2527, 0.3824, 0.3029



40.2527, 0.4153, 0.3442



40.2527, 0.4172, 0.3855

Triad

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



40.2527, 0.4153, 0.3442



40.2527, 0.2892, 0.4024



40.2527, 0.2371, 0.2448

Complementary

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



40.2527, 0.4153, 0.3442



62.2112, 0.2528, 0.3127

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.



40.2527, 0.2173, 0.2618



40.2527, 0.4153, 0.3442



40.2527, 0.2451, 0.3527

Square

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



40.2527, 0.4153, 0.3442



40.2527, 0.3420, 0.4264



40.2527, 0.2199, 0.2998



40.2527, 0.2769, 0.2481

Rectangle

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



40.2527, 0.4153, 0.3442



40.2527, 0.4014, 0.4086



40.2527, 0.2199, 0.2998



40.2527, 0.2281, 0.2481

Sweetspot

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



40.2547, 0.4153, 0.3442



81.0565, 0.3360, 0.3335



39.8990, 0.3280, 0.2363



16.7250, 0.3406, 0.3343



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.



40.2547, 0.4153, 0.3442



42.8843, 0.4460, 0.3468



58.2966, 0.3917, 0.3965



15.3765, 0.3290, 0.3322



10.4851, 0.6280, 0.3395



0.9263, 0.6064, 0.3567

Inverse Universe

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



62.2112, 0.2528, 0.3127



72.9567, 0.2434, 0.3090



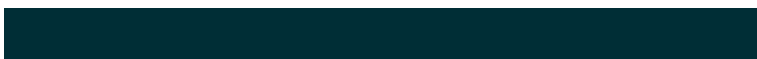
40.7514, 0.2424, 0.2497



16.7607, 0.2981, 0.3258



27.4523, 0.2129, 0.2865



2.2504, 0.2147, 0.2929

Previews

White Background



This preview shows how the Yxy color 40.2527, 0.4153, 0.3442 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 40.2527, 0.4153, 0.3442 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 40.2527, 0.4153, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 40.2527, 0.4153, 0.3442.



This preview shows how white text looks on a background with the Yxy color 40.2527, 0.4153, 0.3442.

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

40.2527, 0.4153, 0.3442

Protanopia

40.4085, 0.3420, 0.3623

Deuteranopia

40.4962, 0.3777, 0.3708



Tritanopia

40.3133, 0.3959, 0.3167

Trichromacy



Original Color

40.2527, 0.4153, 0.3442

Protanomaly

39.9358, 0.3679, 0.3553

Deuteranomaly

40.1442, 0.3915, 0.3604

Tritanomaly

40.1883, 0.4032, 0.3270

Monochromacy



Original Color

40.2527, 0.4153, 0.3442

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1669, 0.3463, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2527, 0.4153, 0.3442 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(233, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(233, 148, 135)  
}
```

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(233, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 148, 135) }
```

Border

The CSS property to change the border of an element to Yxy 40.2527, 0.4153, 0.3442 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(233, 148, 135) }
```

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

```
.border{ border-color:rgb(233, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(233, 148,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2527, 0.4153, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 148, 135) }
```

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

```
.background{ background-color: rgb(233,  
148, 135) }
```

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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