

Converting Colors

$Y_{xy}(42.4869, 0.4068, 0.3514)$

Have a look what the booklet for
Yxy(42.4869, 0.4068, 0.3514)
contains.

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Color

Yxy(42.4061, 0.4062, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	E69C89
RGB	230, 156, 137
RGB Percent	90%, 61%, 54%
CMY	0.0981, 0.3882, 0.4627
CMYK	0.00, 0.32, 0.40, 0.10
HSL	12°, 65%, 72%
HSV	12°, 40%, 90%
XYZ	49.0332, 42.4061, 29.2726
YIQ	175.9600, 50.2030, 9.7790

Conversions

Conversions Part 2

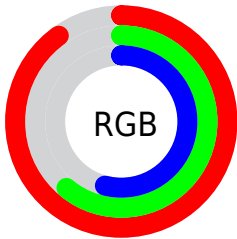
Format	Color
R _Y B	230, 161, 137
Decimal	15113353
CIE _{Lab}	71.15, 25.36, 21.18
CIE _{LCh}	71, 33.041, 39.861
Y _{xy}	42.4061, 0.4062, 0.3513
Android (android.graphics.Color)	4293303433 (0xFFE69C89)
Y _{UV}	175.9600, -19.2073, 47.3931
Hunter-Lab	65.1200, 20.4447, 18.9320

Details

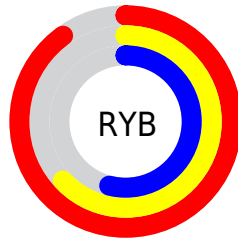
The Yxy color **42.4061, 0.4062, 0.3513** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.6106, 0.2535, 0.3049**, and the grayscale version is **43.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5662, 0.3618, 0.3508**, and **19.3594, 0.4342, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **36.1309, 0.4410, 0.3564**, and if you desaturate by 10%, it is **49.7512, 0.3764, 0.3457**.

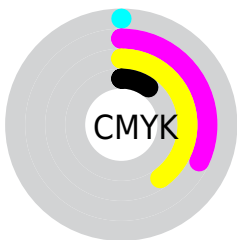
Distribution



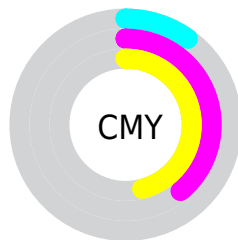
- Red (90%)
- Green (61%)
- Blue (54%)



- Red (90%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4061, 0.4062, 0.3513 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 42.4061, 0.4062, 0.3513 by changing the saturation by 10% instead.


 42.4061, 0.4062,
0.3513

 42.4061, 0.4062,
0.3513

356.1636, 0.3583,
0.3418


 29.4194, 0.4184,
0.3531


 78.8139, 0.3886,
0.3483

 19.3983, 0.4341,
0.3550


 103.0037, 0.3820,
0.3470

 11.9585, 0.4551,
0.3569


 131.6968, 0.3765,
0.3459

 6.7154, 0.4843,
0.3581

165.2774, 0.3718,
0.3448

 3.2848, 0.5269,
0.3566

204.1300, 0.3677,
0.3439

 1.2821, 0.6313,
0.3687

248.6390, 0.3642,

 0.1273, 0.8532,

0.3431

0.1468

299.1887, 0.3611,
0.3424

0.0000, 0.0000,
0.0000

42.4061, 0.4062,
0.3513

42.4061, 0.4062,
0.3513

36.1309, 0.4410,
0.3564

49.7512, 0.3764,
0.3457

30.8690, 0.4802,
0.3601

58.2069, 0.3513,
0.3399

26.5683, 0.5217,
0.3616


67.8193, 0.3305,
0.3344

23.1689, 0.5618,
0.3598

78.6299, 0.3134,
0.3292

20.6042, 0.5956,
0.3543

90.6783, 0.2992,
0.3244

 18.8531, 0.6189,
0.3468

 95.5598, 0.2976,
0.3290

Harmonies

Analogous

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



42.4061, 0.3823, 0.3135



42.4061, 0.4062, 0.3513



42.4061, 0.4023, 0.3871

Triad

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



42.4061, 0.4062, 0.3513



42.4061, 0.2830, 0.3856



42.4061, 0.2513, 0.2528

Complementary

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



42.4061, 0.4062, 0.3513



57.6106, 0.2535, 0.3049

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.



42.4061, 0.2294, 0.2646



42.4061, 0.4062, 0.3513



42.4061, 0.2463, 0.3401

Square

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



42.4061, 0.4062, 0.3513



42.4061, 0.3295, 0.4126



42.4061, 0.2275, 0.2952



42.4061, 0.2904, 0.2591

Rectangle

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



42.4061, 0.4062, 0.3513



42.4061, 0.3854, 0.4052



42.4061, 0.2275, 0.2952



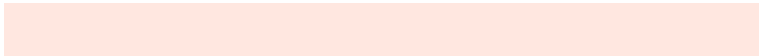
42.4061, 0.2419, 0.2547

Sweetspot

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



42.4082, 0.4062, 0.3513



83.6218, 0.3337, 0.3353



39.4378, 0.3347, 0.2473



17.5456, 0.3363, 0.3360



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.



42.4082, 0.4062, 0.3513



46.5115, 0.4368, 0.3558



60.9101, 0.3846, 0.4019



14.8427, 0.3287, 0.3339



10.8153, 0.6165, 0.3487



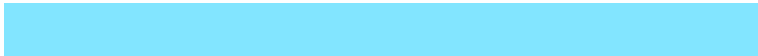
0.9301, 0.5890, 0.3705

Inverse Universe

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



57.6106, 0.2535, 0.3049



68.2651, 0.2425, 0.2987



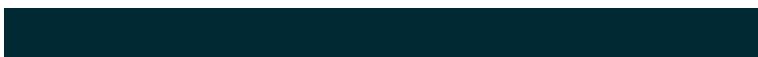
37.9074, 0.2437, 0.2428



15.8098, 0.2981, 0.3241



22.5861, 0.2062, 0.2622



1.7958, 0.2092, 0.2730

Previews

White Background



This preview shows how the Yxy color 42.4061, 0.4062, 0.3513 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 42.4061, 0.4062, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

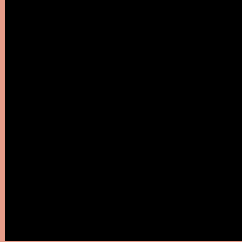
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4061, 0.4062, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 42.4061, 0.4062, 0.3513.



This preview shows how white text looks on a background with the Yxy color 42.4061, 0.4062, 0.3513.

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

42.4061, 0.4062, 0.3513

Protanopia

42.5378, 0.3459, 0.3670

Deuteranopia

42.7337, 0.3782, 0.3711



Tritanopia

42.2926, 0.3819, 0.3154

Trichromacy



Original Color

42.4061, 0.4062, 0.3513

Protanomaly

42.0381, 0.3672, 0.3601

Deuteranomaly

42.6246, 0.3878, 0.3637

Tritanomaly

42.1045, 0.3910, 0.3281

Monochromacy



Original Color

42.4061, 0.4062, 0.3513

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7203, 0.3441, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4061, 0.4062, 0.3513 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(230, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(230, 156, 137)  
}
```

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(230, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 156, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.4061, 0.4062, 0.3513 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(230, 156, 137) }
```

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

```
.border{ border-color:rgb(230, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 156, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 156, 137); box-shadow:4px 4px 4px 4px rgb(230, 156, 137) }
```


Background

The CSS property to change the background color of an element to Rgb 230, 156, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 156, 137) }
```

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

```
.background{ background-color: rgb(230,  
156, 137) }
```

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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