

Converting Colors

$Yxy(60.4700, 0.3454, 0.3415)$

Have a look what the booklet for
Yxy(60.4700, 0.3454, 0.3415)
contains.

Yxy(60.4700, 0.3454, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4700, 0.3454, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	E4C6BB
RGB	228, 198, 187
RGB Percent	89%, 78%, 73%
CMY	0.1058, 0.2235, 0.2668
CMYK	0.00, 0.13, 0.18, 0.11
HSL	16°, 43%, 81%
HSV	16°, 18%, 89%
XYZ	61.1606, 60.4700, 55.4412
YIQ	205.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

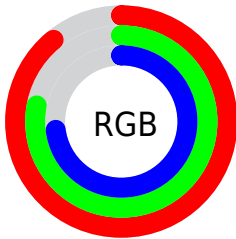
Format	Color
R _Y B	228, 202, 187
Decimal	14993083
CIE Lab	82.09, 8.85, 9.42
CIE LCh	82, 12.926, 46.783
Yxy	60.4700, 0.3454, 0.3415
Android (android.graphics.Color)	4293183163 (0xFFE4C6BB)
YUV	205.7160, -9.2270, 19.5431
Hunter-Lab	77.7625, 4.3069, 12.1626

Details

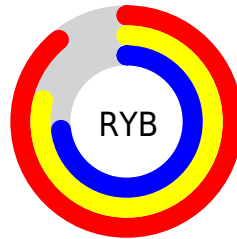
The Yxy color **60.4700, 0.3454, 0.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7812, 0.2850, 0.3162**, and the grayscale version is **61.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **30.4384, 0.3535, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **52.3654, 0.3686, 0.3490**, and if you desaturate by 10%, it is **69.5741, 0.3260, 0.3344**.

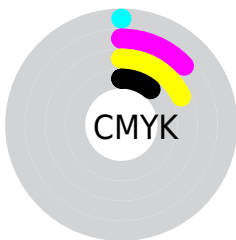
Distribution



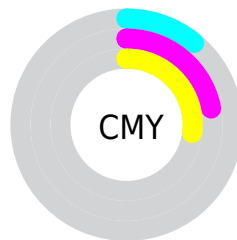
- Red (89%)
- Green (78%)
- Blue (73%)



- Red (89%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4700, 0.3454, 0.3415 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 60.4700, 0.3454, 0.3415 by changing the saturation by 10% instead.


 60.4700, 0.3454,
0.3415

 60.4700, 0.3454,
0.3415

426.3280, 0.3297,
0.3357

 43.7976, 0.3492,
0.3428

 105.5112, 0.3398,
0.3395

 30.5114, 0.3539,
0.3444


134.6487, 0.3377,
0.3387

 20.2271, 0.3600,
0.3465


168.7100, 0.3359,
0.3380

 12.5602, 0.3683,
0.3491

208.0796, 0.3343,
0.3375

 7.1264, 0.3800,
0.3526

253.1418, 0.3329,
0.3370

 3.5413, 0.3978,
0.3575

304.2810, 0.3317,

 1.4204, 0.4291,

0.3365

0.3654

361.8816, 0.3306,
0.3361

0.2317, 0.6531,
0.3469

0.0000, 0.0000,
0.0000

60.4700, 0.3454,
0.3415

60.4700, 0.3454,
0.3415

52.3654, 0.3686,
0.3490

69.5741, 0.3260,
0.3344

45.2178, 0.3959,
0.3564

79.7023, 0.3097,
0.3277

38.9935, 0.4277,
0.3634

90.8643, 0.2963,
0.3220

33.6538, 0.4634,
0.3691

95.2377, 0.2964,
0.3290

■ 29.1571, 0.5018,
0.3724

■ 25.4581, 0.5401,
0.3722

■ 22.5068, 0.5744,
0.3676

■ 20.2447, 0.6011,
0.3590

■ 19.8668, 0.6057,
0.3572

Harmonies

Analogous

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



60.4700, 0.3393, 0.3274



60.4700, 0.3454, 0.3415



60.4700, 0.3425, 0.3529

Triad

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



60.4700, 0.3454, 0.3415



60.4700, 0.2993, 0.3447



60.4700, 0.2938, 0.3011

Complementary

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



60.4700, 0.3454, 0.3415



65.7812, 0.2850, 0.3162

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.



60.4700, 0.2836, 0.3048



60.4700, 0.3454, 0.3415



60.4700, 0.2868, 0.3298

Square

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



60.4700, 0.3454, 0.3415



60.4700, 0.3156, 0.3552



60.4700, 0.2811, 0.3151



60.4700, 0.3092, 0.3045

Rectangle

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



60.4700, 0.3454, 0.3415



60.4700, 0.3359, 0.3572



60.4700, 0.2811, 0.3151



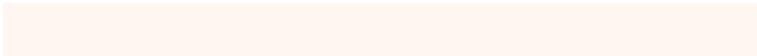
60.4700, 0.2897, 0.3015

Sweetspot

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



60.4727, 0.3454, 0.3415



93.4013, 0.3208, 0.3323



57.0367, 0.3232, 0.2959



19.7990, 0.3220, 0.3328



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.



60.4727, 0.3454, 0.3415



73.4621, 0.3545, 0.3446



70.4565, 0.3415, 0.3637



14.9951, 0.3286, 0.3354



11.6368, 0.6031, 0.3593



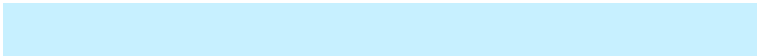
1.0101, 0.5744, 0.3821

Inverse Universe

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



65.7812, 0.2850, 0.3162



81.6213, 0.2787, 0.3129



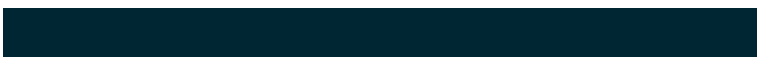
55.8889, 0.2837, 0.2917



15.6465, 0.2981, 0.3225



19.3376, 0.1999, 0.2395



1.5803, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 60.4700, 0.3454, 0.3415 looks on a white background.

Color Contrast Check

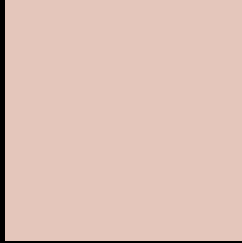
Large Text (above 18pt) WCAG AA × Fail

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 60.4700, 0.3454, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

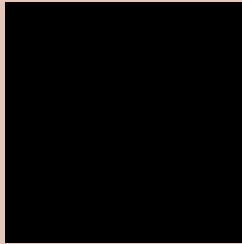
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4700, 0.3454, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 60.4700, 0.3454, 0.3415.



This preview shows how white text looks on a background with the Yxy color 60.4700, 0.3454, 0.3415.

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

60.4700, 0.3454, 0.3415

Protanopia

60.7523, 0.3283, 0.3454

Deuteranopia

60.3434, 0.3472, 0.3403



Tritanopia

60.6723, 0.3303, 0.3126

Trichromacy



Original Color

60.4700, 0.3454, 0.3415

Protanomaly

60.6669, 0.3341, 0.3440

Deuteranomaly

60.1784, 0.3464, 0.3403

Tritanomaly

60.5671, 0.3356, 0.3224

Monochromacy



Original Color

60.4700, 0.3454, 0.3415

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1315, 0.3242, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4700, 0.3454, 0.3415 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(228, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(228, 198, 187)  
}
```

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(228, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 60.4700, 0.3454, 0.3415 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(228, 198, 187) }
```

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

```
.border{ border-color:rgb(228, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(228, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4700, 0.3454, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 198, 187) }
```

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

```
.background{ background-color: rgb(228,  
198, 187) }
```

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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