

Converting Colors

$Yxy(61.0029, 0.3408, 0.3384)$

Have a look what the booklet for
Yxy(61.0029, 0.3408, 0.3384)
contains.

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Color

Yxy(60.9393, 0.3412, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	E3C7BF
RGB	227, 199, 191
RGB Percent	89%, 78%, 75%
CMY	0.1099, 0.2195, 0.2510
CMYK	0.00, 0.12, 0.16, 0.11
HSL	13°, 39%, 82%
HSV	13°, 16%, 89%
XYZ	61.4980, 60.9393, 57.8031
YIQ	206.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

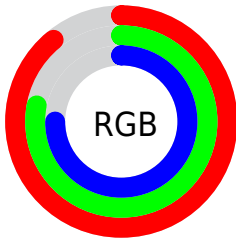
Format	Color
R_{YB}	227, 201, 191
Decimal	14927807
CIE _{Lab}	82.35, 8.55, 7.62
CIE _{LCh}	82, 11.455, 41.699
Yxy	60.9393, 0.3412, 0.3381
Android (android.graphics.Color)	4293117887 (0xFFE3C7BF)
YUV	206.4600, -7.6218, 18.0136
Hunter-Lab	78.0636, 4.0099, 10.7426

Details

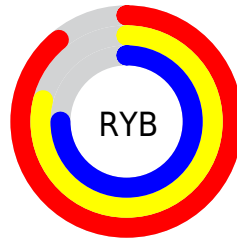
The Yxy color **60.9393, 0.3412, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2524, 0.2884, 0.3197**, and the grayscale version is **62.0715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **30.7437, 0.3479, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **52.3686, 0.3640, 0.3443**, and if you desaturate by 10%, it is **70.6105, 0.3223, 0.3322**.

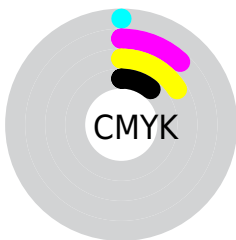
Distribution



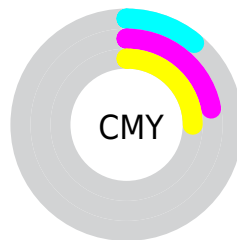
- Red (89%)
- Green (78%)
- Blue (75%)



- Red (89%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9393, 0.3412, 0.3381 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 60.9393, 0.3412, 0.3381 by changing the saturation by 10% instead.


 60.9393, 0.3412,
0.3381

 60.9393, 0.3412,
0.3381


428.0514, 0.3275,
0.3339

 44.1762, 0.3445,
0.3390


 106.1910, 0.3363,
0.3367

 30.8090, 0.3486,
0.3402


135.4485, 0.3345,
0.3361

 20.4535, 0.3539,
0.3417


169.6394, 0.3329,
0.3356

 12.7251, 0.3610,
0.3436

209.1483, 0.3315,
0.3352

 7.2395, 0.3712,
0.3461

254.3596, 0.3303,
0.3348

 3.6123, 0.3867,
0.3497

305.6576, 0.3293,

 1.4592, 0.4130,

0.3345

0.3547

363.4267, 0.3283,
0.3342

0.2597, 0.6369,
0.3631

0.0000, 0.0000,
0.0000

60.9393, 0.3412,
0.3381

60.9393, 0.3412,
0.3381

52.3686, 0.3640,
0.3443

70.6105, 0.3223,
0.3322

44.8512, 0.3912,
0.3505

81.4111, 0.3066,
0.3268

38.3483, 0.4232,
0.3564

93.1137, 0.2957,
0.3259

32.8159, 0.4598,
0.3613

95.0664, 0.2958,
0.3290

■ 28.2063, 0.4998,
0.3643

■ 24.4679, 0.5404,
0.3643

■ 21.5436, 0.5772,
0.3606

■ 19.3687, 0.6058,
0.3531

■ 18.6633, 0.6153,
0.3497

Harmonies

Analogous

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



60.9393, 0.3345, 0.3255



60.9393, 0.3412, 0.3381



60.9393, 0.3400, 0.3488

Triad

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



60.9393, 0.3412, 0.3381



60.9393, 0.3031, 0.3448



60.9393, 0.2941, 0.3043

Complementary

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



60.9393, 0.3412, 0.3381



67.2524, 0.2884, 0.3197

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.



60.9393, 0.2861, 0.3088



60.9393, 0.3412, 0.3381



60.9393, 0.2912, 0.3321

Square

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



60.9393, 0.3412, 0.3381



60.9393, 0.3178, 0.3531



60.9393, 0.2851, 0.3188



60.9393, 0.3071, 0.3063

Rectangle

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



60.9393, 0.3412, 0.3381



60.9393, 0.3349, 0.3532



60.9393, 0.2851, 0.3188



60.9393, 0.2907, 0.3051

Sweetspot

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



60.9420, 0.3412, 0.3381



93.0482, 0.3209, 0.3318



58.7061, 0.3204, 0.2981



19.7135, 0.3221, 0.3322



0.0000, 0.0000, 0.0000



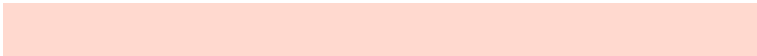
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9420, 0.3412, 0.3381



75.5550, 0.3482, 0.3401



69.5981, 0.3381, 0.3575



14.8869, 0.3287, 0.3343



11.0304, 0.6129, 0.3516



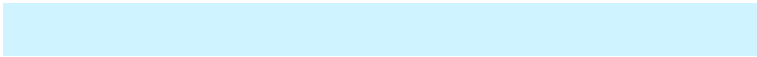
0.9520, 0.5848, 0.3738

Inverse Universe

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



67.2524, 0.2884, 0.3197



85.2358, 0.2835, 0.3176



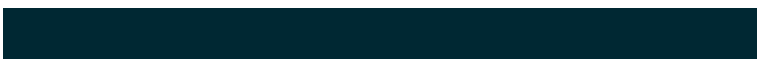
58.4779, 0.2875, 0.2988



15.7621, 0.2981, 0.3236



21.6043, 0.2043, 0.2556



1.7311, 0.2077, 0.2676

Previews

White Background



This preview shows how the Yxy color 60.9393, 0.3412, 0.3381 looks on a white background.

Color Contrast Check

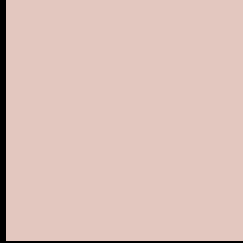
Large Text (above 18pt) WCAG AA × Fail

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 60.9393, 0.3412, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

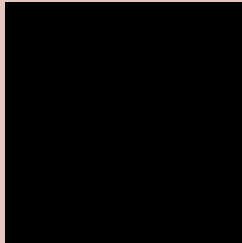
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9393, 0.3412, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 60.9393, 0.3412, 0.3381.

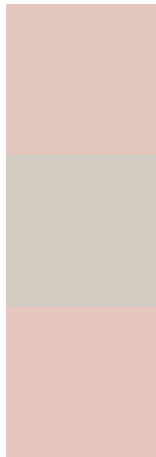


This preview shows how white text looks on a background with the Yxy color 60.9393, 0.3412, 0.3381.

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

60.9393, 0.3412, 0.3381

Protanopia

60.9297, 0.3254, 0.3407

Deuteranopia

60.9727, 0.3439, 0.3369



Tritanopia

61.0060, 0.3286, 0.3126

Trichromacy



Original Color

60.9393, 0.3412, 0.3381

Protanomaly

60.8430, 0.3311, 0.3394

Deuteranomaly

60.8078, 0.3430, 0.3369

Tritanomaly

60.9502, 0.3331, 0.3213

Monochromacy



Original Color

60.9393, 0.3412, 0.3381

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2251, 0.3227, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9393, 0.3412, 0.3381 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(227, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 191)  
}
```

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(227, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.9393, 0.3412, 0.3381 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(227, 199, 191) }
```

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

```
.border{ border-color:rgb(227, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 199,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9393, 0.3412, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 191) }
```

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

```
.background{ background-color: rgb(227,  
199, 191) }
```

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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