

Converting Colors

Yxy(61.3824, 0.3333, 0.3300)

Have a look what the booklet for
Yxy(61.3824, 0.3333, 0.3300)
contains.

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Color

Yxy(61.4396, 0.3333, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	E1C8C7
RGB	225, 200, 199
RGB Percent	88%, 78%, 78%
CMY	0.1176, 0.2157, 0.2197
CMYK	0.00, 0.11, 0.12, 0.12
HSL	2°, 30%, 83%
HSV	2°, 12%, 88%
XYZ	62.0164, 61.4396, 62.6118
YIQ	207.3610, 15.2210, 4.9890

Conversions

Conversions Part 2

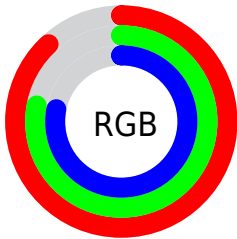
Format	Color
R _Y B	225, 200, 199
Decimal	14796999
CIE Lab	82.61, 8.61, 3.71
CIE LCh	83, 9.373, 23.323
Yxy	61.4396, 0.3333, 0.3302
Android (android.graphics.Color)	4292987079 (0xFFE1C8C7)
YUV	207.3610, -4.1220, 15.4694
Hunter-Lab	78.3834, 4.0570, 7.5082

Details

The Yxy color **61.4396, 0.3333, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8873, 0.2950, 0.3278**, and the grayscale version is **62.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1482, 0.3392, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **51.1564, 0.3558, 0.3313**, and if you desaturate by 10%, it is **73.2989, 0.3152, 0.3292**.

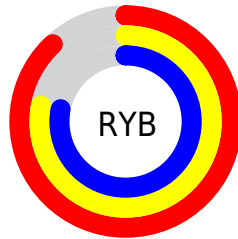
Distribution



Red (88%)

Green (78%)

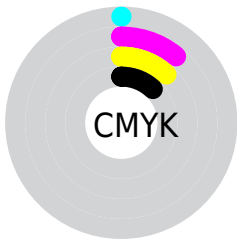
Blue (78%)



Red (88%)

Yellow (78%)

Blue (78%)

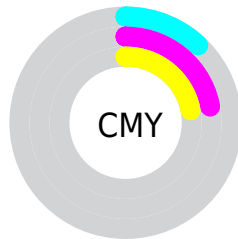


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (12%)



Cyan (12%)


Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4396, 0.3333, 0.3302 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 61.4396, 0.3333, 0.3302 by changing the saturation by 10% instead.

 61.4396, 0.3333,
0.3302

 61.4396, 0.3333,
0.3302

429.8840, 0.3234,
0.3297

 44.5800, 0.3356,
0.3303


106.9152, 0.3298,
0.3300

 31.1268, 0.3386,
0.3304


136.3000, 0.3285,
0.3300

 20.6954, 0.3424,
0.3305

170.6287, 0.3273,
0.3299

 12.9015, 0.3475,
0.3307

210.2856, 0.3263,
0.3299

 7.3608, 0.3548,
0.3308

255.6552, 0.3255,
0.3298

 3.6887, 0.3658,
0.3309

307.1219, 0.3247,

 1.5010, 0.3847,

0.3298

0.3306

365.0700, 0.3240,
0.3297

0.2894, 0.5844,
0.3486

0.0000, 0.0000,
0.0000

61.4396, 0.3333,
0.3302

61.4396, 0.3333,
0.3302

51.1564, 0.3558,
0.3313

73.2989, 0.3152,
0.3292

42.3754, 0.3837,
0.3325

86.7883, 0.3007,
0.3282

35.0286, 0.4178,
0.3336

94.7503, 0.2946,
0.3289

29.0400, 0.4583,
0.3346

■ 24.3262, 0.5040,
0.3352

■ 20.7950, 0.5511,
0.3352

■ 18.3415, 0.5933,
0.3344

■ 16.8426, 0.6237,
0.3328

■ 16.2015, 0.6379,
0.3317

Harmonies

Analogous

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



61.4396, 0.3247, 0.3201



61.4396, 0.3333, 0.3302



61.4396, 0.3363, 0.3402

Triad

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



61.4396, 0.3333, 0.3302



61.4396, 0.3122, 0.3465



61.4396, 0.2928, 0.3105

Complementary

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



61.4396, 0.3333, 0.3302



70.8873, 0.2950, 0.3278

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.



61.4396, 0.2897, 0.3171



61.4396, 0.3333, 0.3302



61.4396, 0.3007, 0.3381

Square

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



61.4396, 0.3333, 0.3302



61.4396, 0.3240, 0.3500



61.4396, 0.2925, 0.3273



61.4396, 0.3013, 0.3088

Rectangle

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



61.4396, 0.3333, 0.3302



61.4396, 0.3347, 0.3456



61.4396, 0.2925, 0.3273



61.4396, 0.2911, 0.3122

Sweetspot

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



61.4423, 0.3333, 0.3302



94.9165, 0.3176, 0.3293



62.2391, 0.3147, 0.3015



20.0324, 0.3190, 0.3294



0.0000, 0.0000, 0.0000



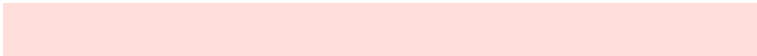
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4423, 0.3333, 0.3302



77.9435, 0.3385, 0.3305



67.6550, 0.3315, 0.3444



13.7860, 0.3291, 0.3300



9.3738, 0.6371, 0.3324



0.6805, 0.6284, 0.3392

Inverse Universe

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



70.8873, 0.2950, 0.3278



92.9584, 0.2913, 0.3275



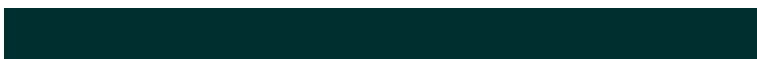
64.2311, 0.2947, 0.3131



15.4755, 0.2982, 0.3280



31.5322, 0.2213, 0.3168



2.2147, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 61.4396, 0.3333, 0.3302 looks on a white background.

Color Contrast Check

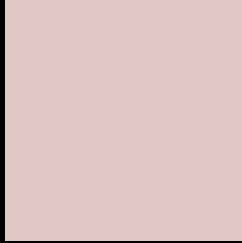
Large Text (above 18pt) WCAG AA × Fail

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 61.4396, 0.3333, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

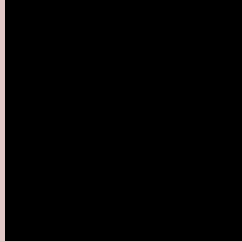
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4396, 0.3333, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 61.4396, 0.3333, 0.3302.



This preview shows how white text looks on a background with the Yxy color 61.4396, 0.3333, 0.3302.

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

61.4396, 0.3333, 0.3302

Protanopia

61.6285, 0.3187, 0.3325

Deuteranopia

61.4643, 0.3358, 0.3291



Tritanopia

61.5232, 0.3245, 0.3125

Trichromacy



Original Color

61.4396, 0.3333, 0.3302

Protanomaly

61.3760, 0.3235, 0.3313

Deuteranomaly

61.3013, 0.3350, 0.3291

Tritanomaly

61.5697, 0.3274, 0.3191

Monochromacy



Original Color

61.4396, 0.3333, 0.3302

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8415, 0.3204, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4396, 0.3333, 0.3302 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(225, 200, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 199)  
}
```

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(225, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.4396, 0.3333, 0.3302 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(225, 200, 199) }
```

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

```
.border{ border-color:rgb(225, 200, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4396, 0.3333, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 199) }
```

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

```
.background{ background-color: rgb(225,  
200, 199) }
```

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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