

Converting Colors

$Yxy(62.6980, 0.3299, 0.3426)$

Have a look what the booklet for
Yxy(62.6980, 0.3299, 0.3426)
contains.

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Color

Yxy(62.7894, 0.3298, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	D9CEC2
RGB	217, 206, 194
RGB Percent	85%, 81%, 76%
CMY	0.1493, 0.1920, 0.2392
CMYK	0.00, 0.05, 0.11, 0.15
HSL	31°, 23%, 81%
HSV	31°, 11%, 85%
XYZ	60.4082, 62.7894, 59.9686
YIQ	207.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

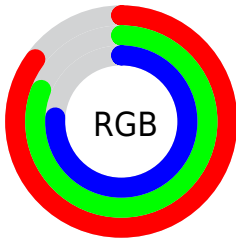
Format	Color
RYB	215, 217, 194
Decimal	14274242
CIELab	83.33, 1.74, 7.32
CIElCh	83, 7.524, 76.662
Yxy	62.7894, 0.3298, 0.3428
Android (android.graphics.Color)	4292464322 (0xFFD9CEC2)
YUV	207.9210, -6.8631, 7.9623
Hunter-Lab	79.2398, -2.5905, 10.5972

Details

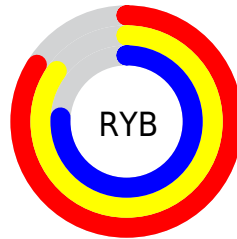
The Yxy color **62.7894, 0.3298, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0874, 0.2964, 0.3148**, and the grayscale version is **63.0589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.0313, 0.3345, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **57.0835, 0.3482, 0.3566**, and if you desaturate by 10%, it is **68.9688, 0.3136, 0.3297**.

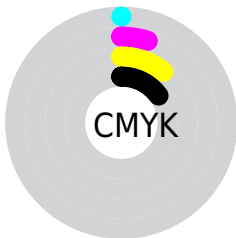
Distribution



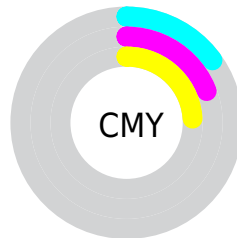
- Red (85%)
- Green (81%)
- Blue (76%)



- Red (84%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7894, 0.3298, 0.3428 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 62.7894, 0.3298, 0.3428 by changing the saturation by 10% instead.

■ 62.7894, 0.3298,
0.3428

■ 62.7894, 0.3298,
0.3428

434.8048, 0.3217,
0.3363

■ 45.6709, 0.3317,
0.3443

■ 108.8656, 0.3269,
0.3405

■ 31.9862, 0.3341,
0.3462

138.5921, 0.3258,
0.3396

■ 21.3509, 0.3372,
0.3487

173.2900, 0.3249,
0.3389

■ 13.3808, 0.3414,
0.3519

213.3437, 0.3241,
0.3382

■ 7.6913, 0.3472,
0.3565

259.1377, 0.3234,
0.3376

■ 3.8980, 0.3560,
0.3633

311.0562, 0.3227,

■ 1.6167, 0.3707,

0.3371

369.4838, 0.3222,
0.3367

0.3744

0.3688, 0.5158,
0.4842

0.0000, 0.0000,
0.0000

62.7894, 0.3298,
0.3428

62.7894, 0.3298,
0.3428

57.0835, 0.3482,
0.3566

68.9688, 0.3136,
0.3297

51.8306, 0.3690,
0.3707

75.6254, 0.2994,
0.3175

47.0204, 0.3919,
0.3848

82.5080, 0.2893,
0.3103

42.6393, 0.4169,
0.3979

88.6506, 0.2897,
0.3210

■ 38.6726, 0.4432,
0.4091

■ 93.4814, 0.2900,
0.3289

■ 35.1045, 0.4696,
0.4172

■ 31.9177, 0.4948,
0.4209

■ 29.0929, 0.5171,
0.4194

■ 26.7350, 0.5349,
0.4134

Harmonies

Analogous

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



62.7894, 0.3314, 0.3364



62.7894, 0.3298, 0.3428



62.7894, 0.3236, 0.3456

Triad

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



62.7894, 0.3298, 0.3428



62.7894, 0.2977, 0.3296



62.7894, 0.3107, 0.3147

Complementary

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



62.7894, 0.3298, 0.3428



60.0874, 0.2964, 0.3148

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.



62.7894, 0.3018, 0.3128



62.7894, 0.3298, 0.3428



62.7894, 0.2944, 0.3212

Square

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



62.7894, 0.3298, 0.3428



62.7894, 0.3051, 0.3380



62.7894, 0.2959, 0.3151



62.7894, 0.3203, 0.3203

Rectangle

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



62.7894, 0.3298, 0.3428



62.7894, 0.3177, 0.3450



62.7894, 0.2959, 0.3151



62.7894, 0.3076, 0.3136

Sweetspot

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



62.7922, 0.3298, 0.3428



97.2189, 0.3174, 0.3329



57.7328, 0.3228, 0.3164



20.6520, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



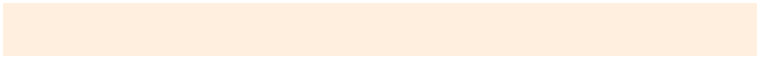
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7922, 0.3298, 0.3428



88.4012, 0.3343, 0.3462



68.1686, 0.3281, 0.3549



14.1765, 0.3278, 0.3413



16.4083, 0.5328, 0.4151



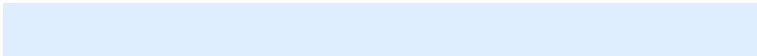
1.2352, 0.5094, 0.4338

Inverse Universe

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



60.0874, 0.2964, 0.3148



83.6465, 0.2923, 0.3111



55.1048, 0.2965, 0.3017



13.6330, 0.2982, 0.3164



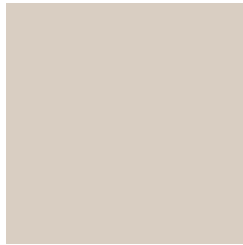
9.1311, 0.1751, 0.1504



0.7633, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 62.7894, 0.3298, 0.3428 looks on a white background.

Color Contrast Check

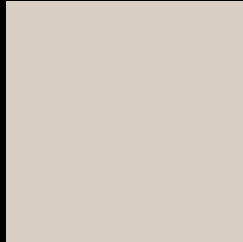
Large Text (above 18pt) WCAG AA × Fail

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 62.7894, 0.3298, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

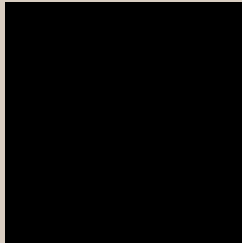
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

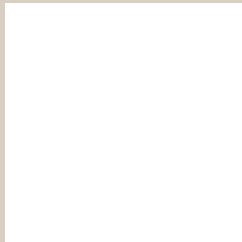
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7894, 0.3298, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 62.7894, 0.3298, 0.3428.

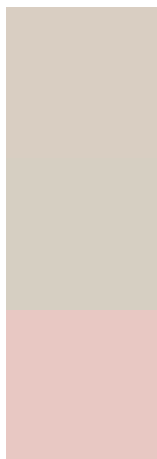


This preview shows how white text looks on a background with the Yxy color 62.7894, 0.3298, 0.3428.

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

62.7894, 0.3298, 0.3428

Protanopia

62.8168, 0.3274, 0.3440

Deuteranopia

62.4045, 0.3420, 0.3346



Tritanopia

62.5187, 0.3151, 0.3112

Trichromacy



Original Color

62.7894, 0.3298, 0.3428

Protanomaly

62.9678, 0.3282, 0.3440

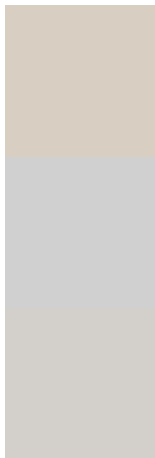
Deuteranomaly

62.5121, 0.3376, 0.3369

Tritanomaly

62.3754, 0.3207, 0.3223

Monochromacy



Original Color

62.7894, 0.3298, 0.3428

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7863, 0.3186, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7894, 0.3298, 0.3428 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(217, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 194)  
}
```

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(217, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 194) }
```

Border

The CSS property to change the border of an element to Yxy 62.7894, 0.3298, 0.3428 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(217, 206, 194) }
```

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

```
.border{ border-color:rgb(217, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7894, 0.3298, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 194) }
```

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

```
.background{ background-color: rgb(217,  
206, 194) }
```

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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