

Converting Colors

Yxy(62.4515, 0.3431, 0.3534)

Have a look what the booklet for
Yxy(62.4515, 0.3431, 0.3534)
contains.

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Color

Yxy(62.2926, 0.3432, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	DFCCB7
RGB	223, 204, 183
RGB Percent	87%, 80%, 72%
CMY	0.1254, 0.2000, 0.2823
CMYK	0.00, 0.09, 0.18, 0.13
HSL	31°, 38%, 80%
HSV	31°, 18%, 87%
XYZ	60.5804, 62.2926, 53.6433
YIQ	207.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

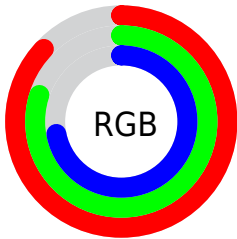
Format	Color
R _Y B	219, 223, 183
Decimal	14666935
CIE Lab	83.07, 3.28, 12.85
CIE LCh	83, 13.259, 75.695
Yxy	62.2926, 0.3432, 0.3529
Android (android.graphics.Color)	4292857015 (0xFFDFCCB7)
YUV	207.2870, -11.9735, 13.7803
Hunter-Lab	78.9257, -1.1100, 14.9504

Details

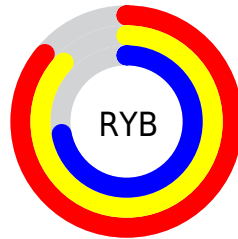
The Yxy color **62.2926, 0.3432, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6701, 0.2845, 0.3039**, and the grayscale version is **62.6661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **31.7492, 0.3515, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **56.5645, 0.3634, 0.3670**, and if you desaturate by 10%, it is **68.5173, 0.3253, 0.3393**.

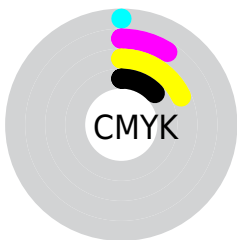
Distribution



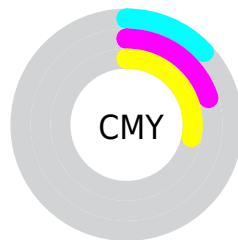
- Red (87%)
- Green (80%)
- Blue (72%)



- Red (86%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2926, 0.3432, 0.3529 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 62.2926, 0.3432, 0.3529 by changing the saturation by 10% instead.

 62.2926, 0.3432,
0.3529

 62.2926, 0.3432,
0.3529


432.9976, 0.3286,
0.3416

 45.2692, 0.3466,
0.3555


 108.1483, 0.3381,
0.3490

 31.6695, 0.3509,
0.3588


137.7494, 0.3361,
0.3474

 21.1092, 0.3565,
0.3629


172.3118, 0.3344,
0.3461

 13.2038, 0.3639,
0.3684

212.2199, 0.3329,
0.3450

 7.5691, 0.3742,
0.3760

257.8582, 0.3317,
0.3440

 3.8205, 0.3897,
0.3870

309.6109, 0.3305,

 1.5736, 0.4179,

0.3431

0.4070

367.8626, 0.3295,
0.3423

■ 0.3397, 0.5425,
0.4575

■ 0.0000, 0.0000,
0.0000

■ 62.2926, 0.3432,
0.3529

■ 62.2926, 0.3432,
0.3529

■ 56.5645, 0.3634,
0.3670

■ 68.5173, 0.3253,
0.3393

■ 51.3108, 0.3858,
0.3811

■ 75.2433, 0.3096,
0.3264

■ 46.5200, 0.4104,
0.3946

■ 82.4859, 0.2959,
0.3144

■ 42.1766, 0.4365,
0.4064

■ 89.0965, 0.2933,
0.3203

■ 38.2640, 0.4631,
0.4155

■ 94.4329, 0.2935,
0.3289

■ 34.7642, 0.4888,
0.4204

■ 31.6571, 0.5120,
0.4202

■ 28.9172, 0.5315,
0.4146

■ 28.3916, 0.5353,
0.4131

Harmonies

Analogous

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



62.2926, 0.3458, 0.3412



62.2926, 0.3432, 0.3529



62.2926, 0.3322, 0.3585

Triad

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



62.2926, 0.3432, 0.3529



62.2926, 0.2867, 0.3304



62.2926, 0.3085, 0.3039

Complementary

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



62.2926, 0.3432, 0.3529



57.6701, 0.2845, 0.3039

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.



62.2926, 0.2930, 0.3006



62.2926, 0.3432, 0.3529



62.2926, 0.2807, 0.3154

Square

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



62.2926, 0.3432, 0.3529



62.2926, 0.2996, 0.3455



62.2926, 0.2830, 0.3047



62.2926, 0.3255, 0.3133

Rectangle

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



62.2926, 0.3432, 0.3529



62.2926, 0.3219, 0.3577



62.2926, 0.2830, 0.3047



62.2926, 0.3029, 0.3020

Sweetspot

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



62.2954, 0.3432, 0.3529



95.3956, 0.3206, 0.3355



53.8516, 0.3312, 0.3071



20.2831, 0.3217, 0.3364



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.



62.2954, 0.3432, 0.3529



81.0330, 0.3514, 0.3588



71.7989, 0.3391, 0.3735



14.8835, 0.3279, 0.3413



16.9169, 0.5331, 0.4149



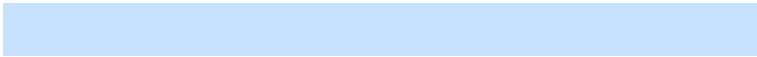
1.3516, 0.5109, 0.4326

Inverse Universe

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



57.6701, 0.2845, 0.3039



73.5218, 0.2776, 0.2972



49.3590, 0.2838, 0.2804



14.3139, 0.2981, 0.3164



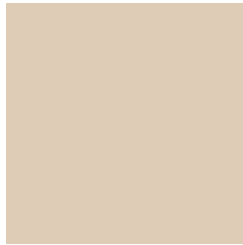
9.4313, 0.1751, 0.1504



0.8321, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 62.2926, 0.3432, 0.3529 looks on a white background.

Color Contrast Check

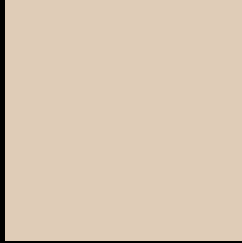
Large Text (above 18pt) WCAG AA × Fail

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 62.2926, 0.3432, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

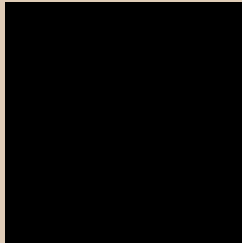
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

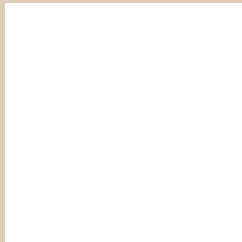
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2926, 0.3432, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 62.2926, 0.3432, 0.3529.



This preview shows how white text looks on a background with the Yxy color 62.2926, 0.3432, 0.3529.

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

62.2926, 0.3432, 0.3529

Protanopia

62.2022, 0.3364, 0.3545

Deuteranopia

61.9697, 0.3533, 0.3457



Tritanopia

62.0840, 0.3229, 0.3115

Trichromacy



Original Color

62.2926, 0.3432, 0.3529

Protanomaly

62.1834, 0.3390, 0.3531

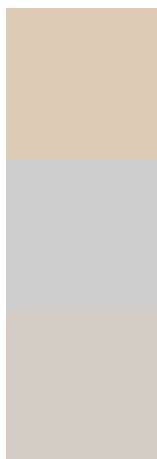
Deuteranomaly

62.2229, 0.3496, 0.3480

Tritanomaly

62.2538, 0.3309, 0.3268

Monochromacy



Original Color

62.2926, 0.3432, 0.3529

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3660, 0.3238, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2926, 0.3432, 0.3529 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(223, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 183)  
}
```

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(223, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 183) }
```

Border

The CSS property to change the border of an element to Yxy 62.2926, 0.3432, 0.3529 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(223, 204, 183) }
```

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

```
.border{ border-color:rgb(223, 204, 183) }
```

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

Here you see how a box with a 4 pixel rgb(223, 204, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2926, 0.3432, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 183) }
```

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

```
.background{ background-color: rgb(223,  
204, 183) }
```

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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