

Converting Colors

Yxy(62.8698, 0.3291, 0.3542)

Have a look what the booklet for
Yxy(62.8698, 0.3291, 0.3542)
contains.

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Color

Yxy(62.8904, 0.3291, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1BB
RGB	210, 209, 187
RGB Percent	82%, 82%, 73%
CMY	0.1764, 0.1804, 0.2668
CMYK	0.00, 0.00, 0.11, 0.18
HSL	57°, 20%, 78%
HSV	57°, 11%, 82%
XYZ	58.3514, 62.8904, 56.0641
YIQ	206.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

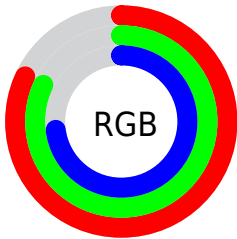
Format	Color
R _Y B	188, 210, 187
Decimal	13816251
CIE Lab	83.38, -3.43, 11.05
CIE LCh	83, 11.571, 107.240
Yxy	62.8904, 0.3291, 0.3547
Android (android.graphics.Color)	4292006331 (0xFFD2D1BB)
YUV	206.7910, -9.7570, 2.8143
Hunter-Lab	79.3035, -7.4410, 13.5970

Details

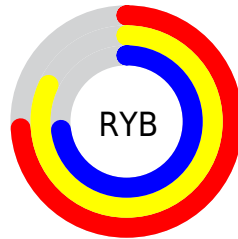
The Yxy color **62.8904, 0.3291, 0.3547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1838, 0.2956, 0.3019**, and the grayscale version is **62.3182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **32.1325, 0.3324, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **61.6019, 0.3446, 0.3788**, and if you desaturate by 10%, it is **64.3187, 0.3141, 0.3312**.

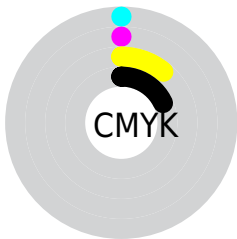
Distribution



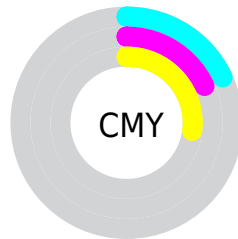
- Red (82%)
- Green (82%)
- Blue (73%)



- Red (74%)
- Yellow (82%)
- Blue (73%)



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





- Cyan (18%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8904, 0.3291, 0.3547 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 62.8904, 0.3291, 0.3547 by changing the saturation by 10% instead.


 62.8904, 0.3291,
0.3547

 62.8904, 0.3291,
0.3547

435.1716, 0.3214,
0.3424

 45.7525, 0.3309,
0.3576


 109.0114, 0.3264,
0.3503

 32.0506, 0.3332,
0.3613


138.7633, 0.3253,
0.3487

 21.4001, 0.3360,
0.3660


173.4887, 0.3244,
0.3473

 13.4168, 0.3399,
0.3723

213.5719, 0.3237,
0.3460

 7.7162, 0.3452,
0.3813

259.3975, 0.3230,
0.3449

 3.9139, 0.3529,
0.3948

311.3497, 0.3224,

 1.6255, 0.3659,

0.3440

0.4180

369.8129, 0.3218,
0.3432

0.3747, 0.4210,
0.5790

0.0000, 0.0000,
0.0000

62.8904, 0.3291,
0.3547

62.8904, 0.3291,
0.3547

61.6019, 0.3446,
0.3788

64.3187, 0.3141,
0.3312

60.4392, 0.3601,
0.4027

65.8838, 0.2999,
0.3088

59.3989, 0.3752,
0.4258

67.5935, 0.2867,
0.2878

58.4744, 0.3893,
0.4470

68.3797, 0.2837,
0.2838

■ 57.6585, 0.4017,
0.4653

■ 68.8498, 0.2838,
0.2848

■ 56.9430, 0.4120,
0.4799

■ 69.3226, 0.2838,
0.2858

■ 56.3188, 0.4197,
0.4904

■ 69.7981, 0.2839,
0.2869

■ 55.7748, 0.4247,
0.4964

■ 70.2763, 0.2839,
0.2879

■ 55.3348, 0.4273,
0.4989

■ 70.7572, 0.2840,
0.2889

Harmonies

Analogous

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



62.8904, 0.3389, 0.3502



62.8904, 0.3291, 0.3547



62.8904, 0.3151, 0.3520

Triad

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



62.8904, 0.3291, 0.3547



62.8904, 0.2847, 0.3166



62.8904, 0.3246, 0.3159

Complementary

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



62.8904, 0.3291, 0.3547



51.1838, 0.2956, 0.3019

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.



62.8904, 0.3098, 0.3073



62.8904, 0.3291, 0.3547



62.8904, 0.2871, 0.3075

Square

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



62.8904, 0.3291, 0.3547



62.8904, 0.2896, 0.3296



62.8904, 0.2962, 0.3042



62.8904, 0.3363, 0.3278

Rectangle

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



62.8904, 0.3291, 0.3547



62.8904, 0.3052, 0.3464



62.8904, 0.2962, 0.3042



62.8904, 0.3198, 0.3125

Sweetspot

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



62.8932, 0.3291, 0.3547



99.3003, 0.3172, 0.3360



52.8730, 0.3312, 0.3277



21.2150, 0.3184, 0.3379



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.



62.8932, 0.3291, 0.3547



97.1096, 0.3324, 0.3599



61.9238, 0.3210, 0.3565



13.7038, 0.3267, 0.3510



33.7851, 0.4272, 0.4990



1.9175, 0.4256, 0.5002

Inverse Universe

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



51.1838, 0.2956, 0.3019



75.6741, 0.2919, 0.2961



52.1032, 0.3038, 0.3013



11.5007, 0.2982, 0.3060



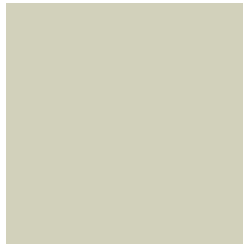
3.0007, 0.1509, 0.0631



0.1981, 0.1536, 0.0731

Previews

White Background



This preview shows how the Yxy color 62.8904, 0.3291, 0.3547 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 62.8904, 0.3291, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

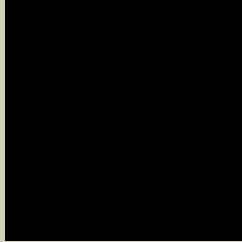
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

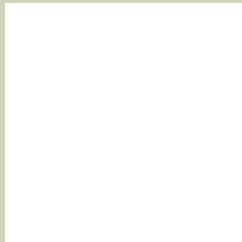
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8904, 0.3291, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 62.8904, 0.3291, 0.3547.



This preview shows how white text looks on a background with the Yxy color 62.8904, 0.3291, 0.3547.

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

62.8904, 0.3291, 0.3547

Protanopia

62.7697, 0.3348, 0.3532

Deuteranopia

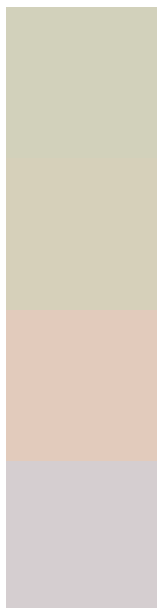
62.6448, 0.3491, 0.3412



Tritanopia

62.8001, 0.3098, 0.3111

Trichromacy



Original Color

62.8904, 0.3291, 0.3547

Protanomaly

62.9531, 0.3331, 0.3545

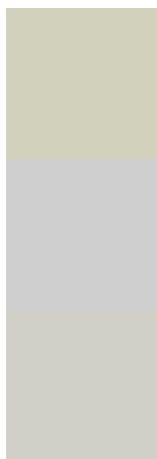
Deuteranomaly

62.5115, 0.3420, 0.3460

Tritanomaly

62.8428, 0.3166, 0.3267

Monochromacy



Original Color

62.8904, 0.3291, 0.3547

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6918, 0.3183, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8904, 0.3291, 0.3547 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(210, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 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(210, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 187) }
```

Border

The CSS property to change the border of an element to Yxy 62.8904, 0.3291, 0.3547 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(210, 209, 187) }
```

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

```
.border{ border-color:rgb(210, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8904, 0.3291, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 187) }
```

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

```
.background{ background-color: rgb(210,  
209, 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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