

Converting Colors

Yxy(62.6921, 0.3233, 0.3529)

Have a look what the booklet for
Yxy(62.6921, 0.3233, 0.3529)
contains.

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Color

Yxy(62.7900, 0.3229, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	CDD2BE
RGB	205, 210, 190
RGB Percent	80%, 82%, 75%
CMY	0.1961, 0.1764, 0.2548
CMYK	0.02, 0.00, 0.10, 0.18
HSL	75°, 18%, 78%
HSV	75°, 10%, 82%
XYZ	57.5174, 62.7900, 57.8202
YIQ	206.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

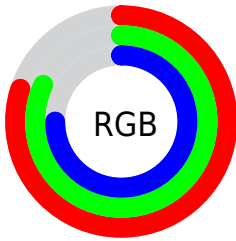
Format	Color
RYB	190, 210, 195
Decimal	13488830
CIELab	83.33, -5.24, 9.30
CIELCh	83, 10.675, 119.368
Yxy	62.7900, 0.3229, 0.3525
Android (android.graphics.Color)	4291678910 (0xFFCDD2BE)
YUV	206.2250, -7.9989, -1.0743
Hunter-Lab	79.2401, -9.1038, 12.2052

Details

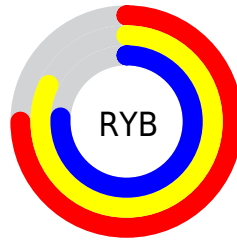
The Yxy color **62.7900, 0.3229, 0.3525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1026, 0.3019, 0.3050**, and the grayscale version is **61.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **32.1624, 0.3253, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **61.2016, 0.3337, 0.3785**, and if you desaturate by 10%, it is **64.5415, 0.3122, 0.3278**.

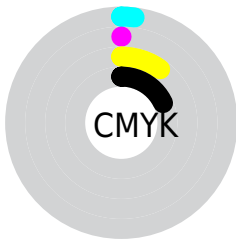
Distribution



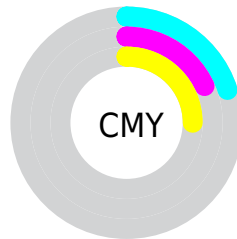
- Red (80%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7900, 0.3229, 0.3525 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 62.7900, 0.3229, 0.3525 by changing the saturation by 10% instead.

 62.7900, 0.3229,
0.3525

 62.7900, 0.3229,
0.3525


434.8070, 0.3181,
0.3412

 45.6713, 0.3240,
0.3552


 108.8665, 0.3212,
0.3485

 31.9865, 0.3254,
0.3586


138.5931, 0.3206,
0.3470

 21.3512, 0.3272,
0.3629


173.2912, 0.3200,
0.3457

 13.3810, 0.3295,
0.3688

213.3451, 0.3195,
0.3445

 7.6914, 0.3327,
0.3772

259.1392, 0.3191,
0.3435

 3.8981, 0.3373,
0.3899

311.0580, 0.3187,

 1.6167, 0.3447,

0.3427

0.4117

369.4858, 0.3184,
0.3419

0.3688, 0.3765,
0.6235

0.0000, 0.0000,
0.0000

62.7900, 0.3229,
0.3525

62.7900, 0.3229,
0.3525

61.2016, 0.3337,
0.3785

64.5415, 0.3122,
0.3278

59.7622, 0.3443,
0.4054

66.4535, 0.3019,
0.3049

58.4683, 0.3543,
0.4324


68.5338, 0.2921,
0.2837

57.3131, 0.3631,
0.4584

69.5004, 0.2944,
0.2823


 56.2892, 0.3702,
0.4825


 70.3671, 0.2981,
0.2828

 55.3883, 0.3751,
0.5034


 71.2604, 0.3018,
0.2833


 54.6012, 0.3776,
0.5201

 72.1803, 0.3055,
0.2838

 53.9169, 0.3775,
0.5321

 73.1272, 0.3092,
0.2843

 53.3167, 0.3753,
0.5400

 74.1013, 0.3130,
0.2849

Harmonies

Analogous

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



62.7900, 0.3339, 0.3510



62.7900, 0.3229, 0.3525



62.7900, 0.3093, 0.3473

Triad

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



62.7900, 0.3229, 0.3525



62.7900, 0.2869, 0.3136



62.7900, 0.3286, 0.3211

Complementary

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



62.7900, 0.3229, 0.3525



53.1026, 0.3019, 0.3050

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.



62.7900, 0.3157, 0.3116



62.7900, 0.3229, 0.3525



62.7900, 0.2918, 0.3072

Square

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



62.7900, 0.3229, 0.3525



62.7900, 0.2888, 0.3245



62.7900, 0.3022, 0.3066



62.7900, 0.3373, 0.3327

Rectangle

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



62.7900, 0.3229, 0.3525



62.7900, 0.3007, 0.3408



62.7900, 0.3022, 0.3066



62.7900, 0.3246, 0.3176

Sweetspot

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



62.7927, 0.3229, 0.3525



99.1543, 0.3159, 0.3363



56.4630, 0.3286, 0.3349



21.1756, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



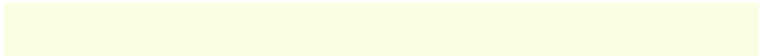
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7927, 0.3229, 0.3525



97.0110, 0.3246, 0.3566



61.4208, 0.3153, 0.3530



13.6419, 0.3228, 0.3522



32.5527, 0.3758, 0.5398



1.8564, 0.3842, 0.5332

Inverse Universe

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



53.1026, 0.3019, 0.3050



79.6229, 0.2999, 0.3006



54.4747, 0.3098, 0.3055



11.5591, 0.3020, 0.3052



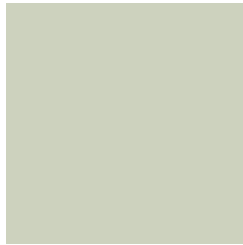
3.3367, 0.1652, 0.0684



0.2249, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 62.7900, 0.3229, 0.3525 looks on a white background.

Color Contrast Check

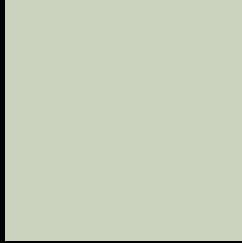
Large Text (above 18pt) WCAG AA × Fail

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 62.7900, 0.3229, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

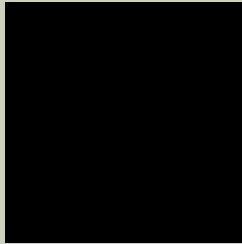
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

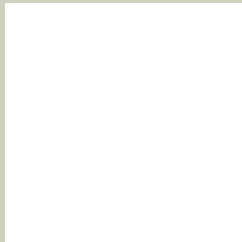
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7900, 0.3229, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 62.7900, 0.3229, 0.3525.



This preview shows how white text looks on a background with the Yxy color 62.7900, 0.3229, 0.3525.

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

62.7900, 0.3229, 0.3525

Protanopia

62.8554, 0.3333, 0.3509

Deuteranopia

62.4380, 0.3451, 0.3379



Tritanopia

62.6382, 0.3046, 0.3098

Trichromacy



Original Color

62.7900, 0.3229, 0.3525

Protanomaly

62.7829, 0.3293, 0.3511

Deuteranomaly

62.6353, 0.3371, 0.3438

Tritanomaly

62.6887, 0.3114, 0.3256

Monochromacy



Original Color

62.7900, 0.3229, 0.3525

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9176, 0.3169, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7900, 0.3229, 0.3525 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(205, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 190)  
}
```

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(205, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 190) }
```

Border

The CSS property to change the border of an element to Yxy 62.7900, 0.3229, 0.3525 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(205, 210, 190) }
```

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

```
.border{ border-color:rgb(205, 210, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7900, 0.3229, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 190) }
```

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

```
.background{ background-color: rgb(205,  
210, 190) }
```

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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