

Converting Colors

Yxy(62.9951, 0.3143, 0.3329)

Have a look what the booklet for
Yxy(62.9951, 0.3143, 0.3329)
contains.

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Color

Yxy(62.7849, 0.3141, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	CFD0CD
RGB	207, 208, 205
RGB Percent	81%, 82%, 80%
CMY	0.1881, 0.1843, 0.1962
CMYK	0.00, 0.00, 0.01, 0.18
HSL	79°, 3%, 81%
HSV	79°, 1%, 82%
XYZ	59.3105, 62.7849, 66.7314
YIQ	207.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

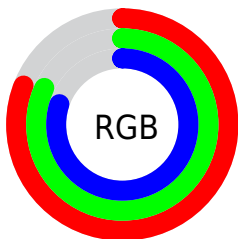
Format	Color
R _Y B	205, 208, 206
Decimal	13619405
CIE Lab	83.33, -0.87, 1.37
CIE LCh	83, 1.627, 122.483
Yxy	62.7849, 0.3141, 0.3325
Android (android.graphics.Color)	4291809485 (0xFFCFD0CD)
YUV	207.3590, -1.1630, -0.3148
Hunter-Lab	79.2369, -5.0536, 5.5333

Details

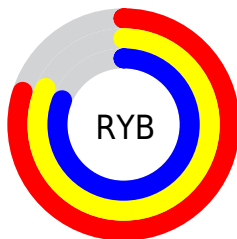
The Yxy color $62.7849, 0.3141, 0.3325$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.3165, 0.3113, 0.3255$, and the grayscale version is $62.6508, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1179, 0.3145, 0.3336$ is the 20% darker color. If you saturate the color by 10%, you get $60.9098, 0.3237, 0.3576$, and if you desaturate by 10%, it is $64.8394, 0.3047, 0.3092$.

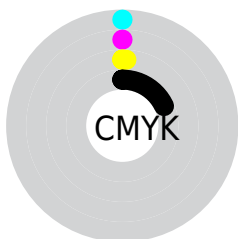
Distribution



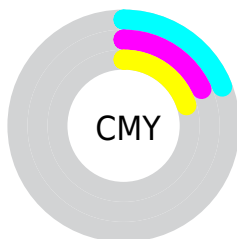
- Red (81%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7849, 0.3141, 0.3325 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 62.7849, 0.3141, 0.3325 by changing the saturation by 10% instead.

■ 62.7849, 0.3141,
0.3325

■ 62.7849, 0.3141,
0.3325

434.7884, 0.3134,
0.3308

■ 45.6672, 0.3143,
0.3329

108.8591, 0.3139,
0.3319

■ 31.9833, 0.3144,
0.3334

138.5845, 0.3138,
0.3317

■ 21.3487, 0.3147,
0.3340

173.2811, 0.3137,
0.3315

■ 13.3792, 0.3150,
0.3349

213.3335, 0.3136,
0.3313

■ 7.6902, 0.3155,
0.3360

259.1261, 0.3136,
0.3312

■ 3.8973, 0.3162,
0.3379

311.0431, 0.3135,

■ 1.6163, 0.3173,

0.3311

0.3409

369.4691, 0.3135,
0.3309

0.3685, 0.3280,
0.3675

0.0000, 0.0000,
0.0000

62.7849, 0.3141,
0.3325

62.7849, 0.3141,
0.3325

60.9098, 0.3237,
0.3576

64.8394, 0.3047,
0.3092

59.2002, 0.3333,
0.3841

67.0707, 0.2958,
0.2879

57.6529, 0.3426,
0.4116

68.6639, 0.2950,
0.2803

56.2613, 0.3512,
0.4393

69.7679, 0.2997,
0.2809

■ 55.0183, 0.3584,
0.4662

■ 70.9143, 0.3044,
0.2816

■ 53.9165, 0.3639,
0.4910

■ 72.1036, 0.3091,
0.2823

■ 52.9472, 0.3673,
0.5126

■ 73.3360, 0.3139,
0.2830

■ 52.1008, 0.3681,
0.5299

■ 73.5915, 0.3149,
0.2831

■ 51.3660, 0.3664,
0.5423

Harmonies

Analogous

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



62.7849, 0.3158, 0.3324



62.7849, 0.3141, 0.3325



62.7849, 0.3120, 0.3316

Triad

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



62.7849, 0.3141, 0.3325



62.7849, 0.3088, 0.3266



62.7849, 0.3153, 0.3280

Complementary

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



62.7849, 0.3141, 0.3325



61.3165, 0.3113, 0.3255

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.



62.7849, 0.3134, 0.3264



62.7849, 0.3141, 0.3325



62.7849, 0.3096, 0.3256

Square

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



62.7849, 0.3141, 0.3325



62.7849, 0.3090, 0.3282



62.7849, 0.3113, 0.3256



62.7849, 0.3165, 0.3298

Rectangle

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



62.7849, 0.3141, 0.3325



62.7849, 0.3107, 0.3306



62.7849, 0.3113, 0.3256



62.7849, 0.3147, 0.3274

Sweetspot

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



62.7876, 0.3141, 0.3325

100.0000, 0.3127, 0.3290



61.9253, 0.3150, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



62.7876, 0.3141, 0.3325



99.3675, 0.3146, 0.3339



62.5721, 0.3130, 0.3325



13.9161, 0.3145, 0.3335



31.7214, 0.3643, 0.5489



1.8153, 0.3747, 0.5407

Inverse Universe

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



61.3165, 0.3113, 0.3255



96.1374, 0.3108, 0.3241



61.5326, 0.3125, 0.3255



13.4951, 0.3109, 0.3245



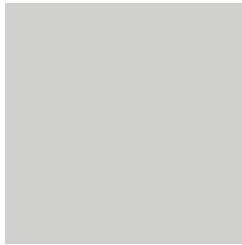
3.6195, 0.1734, 0.0729



0.2448, 0.1940, 0.0842

Previews

White Background



This preview shows how the Yxy color 62.7849, 0.3141, 0.3325 looks on a white background.

Color Contrast Check

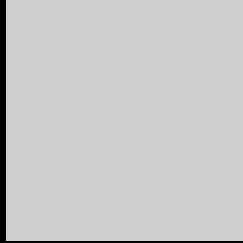
Large Text (above 18pt) WCAG AA × Fail

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 62.7849, 0.3141, 0.3325 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

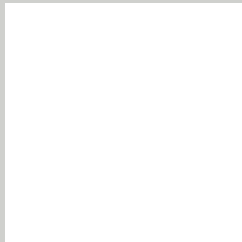
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7849, 0.3141, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.7849, 0.3141, 0.3325.

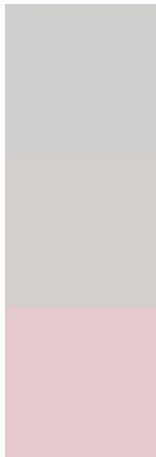


This preview shows how white text looks on a background with the Yxy color 62.7849, 0.3141, 0.3325.

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

62.7849, 0.3141, 0.3325

Protanopia

62.9823, 0.3186, 0.3325

Deuteranopia

62.7235, 0.3302, 0.3235



Tritanopia

62.6382, 0.3046, 0.3098

Trichromacy



Original Color

62.7849, 0.3141, 0.3325

Protanomaly

62.6869, 0.3171, 0.3325

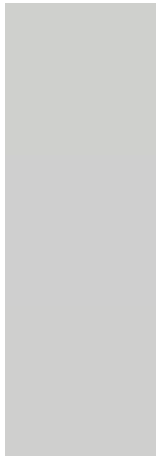
Deuteranomaly

62.8576, 0.3236, 0.3268

Tritanomaly

62.6558, 0.3080, 0.3176

Monochromacy



Original Color

62.7849, 0.3141, 0.3325

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3473, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7849, 0.3141, 0.3325 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(207, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 205)  
}
```

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(207, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.7849, 0.3141, 0.3325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

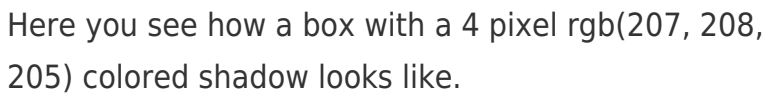
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 208, 205) }
```

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

```
.border{ border-color:rgb(207, 208, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 208, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 208, 205); box-shadow:4px 4px 4px 4px rgb(207, 208, 205) }
```

Background

The CSS property to change the background color of an element to Yxy 62.7849, 0.3141, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 205) }
```

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

```
.background{ background-color: rgb(207,  
208, 205) }
```

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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