

Converting Colors

$Yxy(74.2055, 0.3226, 0.3556)$

Have a look what the booklet for
Yxy(74.2055, 0.3226, 0.3556)
contains.

Yxy(74.3100, 0.3227, 0.3554)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3100, 0.3227, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	DBE3CB
RGB	219, 227, 203
RGB Percent	86%, 89%, 80%
CMY	0.1410, 0.1098, 0.2038
CMYK	0.04, 0.00, 0.11, 0.11
HSL	80°, 30%, 84%
HSV	80°, 11%, 89%
XYZ	67.4728, 74.3100, 67.3055
YIQ	221.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

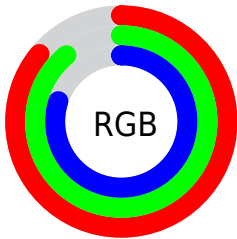
Format	Color
RYB	203, 227, 211
Decimal	14410699
CIELab	89.07, -6.85, 10.78
CIElCh	89, 12.775, 122.426
Yxy	74.3100, 0.3227, 0.3554
Android (android.graphics.Color)	4292600779 (0xFFDBE3CB)
YUV	221.8720, -9.3039, -2.5187
Hunter-Lab	86.2032, -11.1406, 14.0500

Details

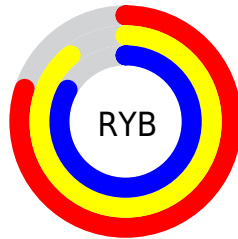
The Yxy color **74.3100, 0.3227, 0.3554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1194, 0.3020, 0.3021**, and the grayscale version is **73.0239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5675, 0.3248, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **72.1659, 0.3322, 0.3820**, and if you desaturate by 10%, it is **76.6720, 0.3132, 0.3303**.

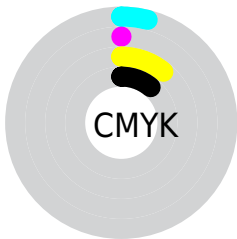
Distribution



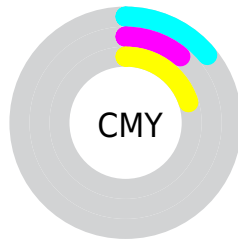
- Red (86%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3100, 0.3227, 0.3554 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 74.3100, 0.3227, 0.3554 by changing the saturation by 10% instead.

■ 74.3100, 0.3227,
0.3554

■ 74.3100, 0.3227,
0.3554

475.5426, 0.3182,
0.3431

■ 55.0478, 0.3237,
0.3582

125.3352, 0.3211,
0.3511

■ 39.4400, 0.3249,
0.3618

157.8669, 0.3205,
0.3494

■ 27.1022, 0.3265,
0.3663

195.5906, 0.3200,
0.3480

■ 17.6500, 0.3285,
0.3722

238.8907, 0.3196,
0.3468

■ 10.6990, 0.3311,
0.3804

288.1515, 0.3191,
0.3457

■ 5.8648, 0.3348,
0.3923

343.7575, 0.3188,

■ 2.7630, 0.3402,

0.3447

0.4113

406.0931, 0.3185,
0.3438

■ 1.0093, 0.3685,
0.4726

■ 0.0000, 0.0000,
0.0000

■ 74.3100, 0.3227,
0.3554

■ 74.3100, 0.3227,
0.3554

■ 72.1659, 0.3322,
0.3820

■ 76.6720, 0.3132,
0.3303

■ 70.2223, 0.3414,
0.4098

■ 79.2493, 0.3040,
0.3072

■ 68.4746, 0.3498,
0.4378

■ 80.9690, 0.3050,
0.3011

■ 66.9140, 0.3570,
0.4651

■ 82.3277, 0.3101,
0.3016

■ 65.5310, 0.3624,
0.4904

■ 83.4141, 0.3140,
0.3019

■ 64.3150, 0.3657,
0.5125

■ 63.2543, 0.3665,
0.5304

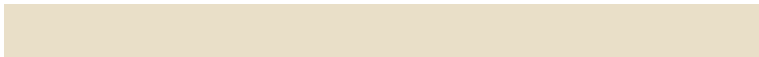
■ 62.3346, 0.3648,
0.5432

■ 61.5734, 0.3613,
0.5513

Harmonies

Analogous

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



74.3100, 0.3357, 0.3544



74.3100, 0.3227, 0.3554



74.3100, 0.3073, 0.3488

Triad

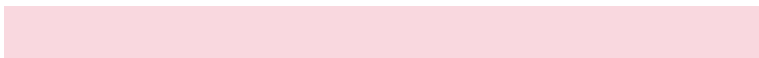
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3100, 0.3227, 0.3554



74.3100, 0.2838, 0.3106



74.3100, 0.3320, 0.3213

Complementary

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



74.3100, 0.3227, 0.3554



62.1194, 0.3020, 0.3021

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.



74.3100, 0.3176, 0.3103



74.3100, 0.3227, 0.3554



74.3100, 0.2900, 0.3040

Square

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



74.3100, 0.3227, 0.3554



74.3100, 0.2851, 0.3224



74.3100, 0.3023, 0.3040



74.3100, 0.3411, 0.3345

Rectangle

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



74.3100, 0.3227, 0.3554



74.3100, 0.2978, 0.3411



74.3100, 0.3023, 0.3040



74.3100, 0.3276, 0.3173

Sweetspot

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



74.3132, 0.3227, 0.3554



99.0385, 0.3156, 0.3363



67.0425, 0.3304, 0.3374



21.1442, 0.3163, 0.3383



0.0000, 0.0000, 0.0000



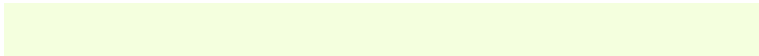
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3132, 0.3227, 0.3554



96.0178, 0.3251, 0.3620



72.5740, 0.3145, 0.3561



16.5649, 0.3217, 0.3526



35.9786, 0.3621, 0.5507



2.7089, 0.3706, 0.5439

Inverse Universe

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



62.1194, 0.3020, 0.3021



76.6824, 0.2992, 0.2953



63.8968, 0.3106, 0.3029



14.1184, 0.3032, 0.3051



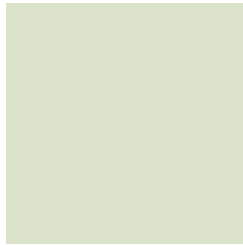
4.1724, 0.1746, 0.0735



0.3576, 0.1906, 0.0823

Previews

White Background



This preview shows how the Yxy color 74.3100, 0.3227, 0.3554 looks on a white background.

Color Contrast Check

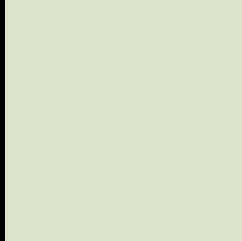
Large Text (above 18pt) WCAG AA × Fail

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 74.3100, 0.3227, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

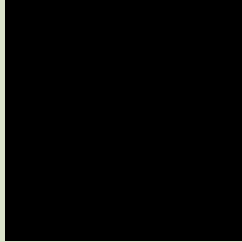
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

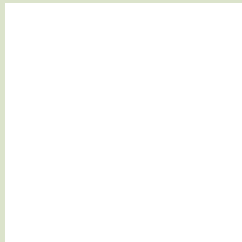
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3100, 0.3227, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 74.3100, 0.3227, 0.3554.

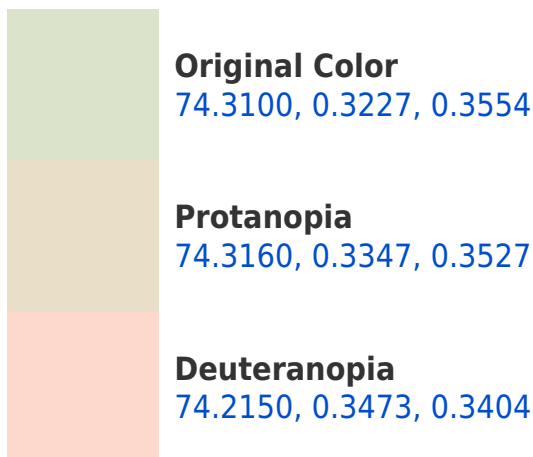


This preview shows how white text looks on a background with the Yxy color 74.3100, 0.3227, 0.3554.

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

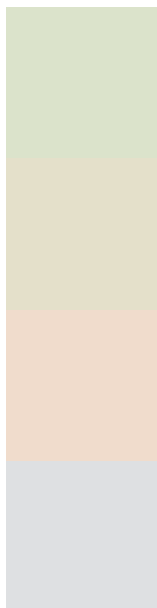




Tritanopia

74.3218, 0.3032, 0.3110

Trichromacy



Original Color

74.3100, 0.3227, 0.3554

Protanomaly

74.0696, 0.3302, 0.3529

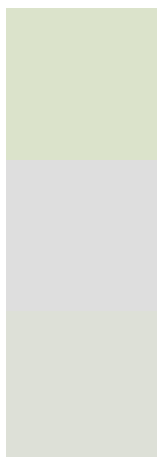
Deuteranomaly

74.0713, 0.3383, 0.3460

Tritanomaly

74.3319, 0.3100, 0.3268

Monochromacy



Original Color

74.3100, 0.3227, 0.3554

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5898, 0.3165, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3100, 0.3227, 0.3554 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(219, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 203)  
}
```

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(219, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.3100, 0.3227, 0.3554 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(219, 227, 203) }
```

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

```
.border{ border-color:rgb(219, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 227, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 227, 203); box-shadow:4px 4px 4px 4px rgb(219, 227, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3100, 0.3227, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 203) }
```

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

```
.background{ background-color: rgb(219,  
227, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor