

Converting Colors

$Yxy(78.0557, 0.3229, 0.3471)$

Have a look what the booklet for
Yxy(78.0557, 0.3229, 0.3471)
contains.

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Color

Yxy(78.0557, 0.3229, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	E5E6D5
RGB	229, 230, 213
RGB Percent	90%, 90%, 84%
CMY	0.1021, 0.0980, 0.1646
CMYK	0.00, 0.00, 0.07, 0.10
HSL	64°, 25%, 87%
HSV	64°, 7%, 90%
XYZ	72.6136, 78.0557, 74.2103
YIQ	227.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

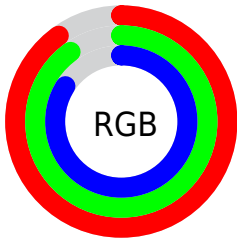
Format	Color
R _Y B	213, 230, 214
Decimal	15066837
CIE Lab	90.81, -3.28, 8.14
CIE LCh	91, 8.777, 111.967
Yxy	78.0557, 0.3229, 0.3471
Android (android.graphics.Color)	4293256917 (0xFFE5E6D5)
YUV	227.7630, -7.2782, 1.0848
Hunter-Lab	88.3491, -7.9029, 12.0428

Details

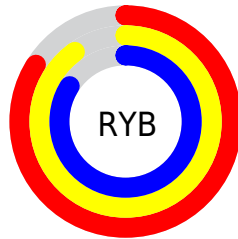
The Yxy color **78.0557, 0.3229, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6279, 0.3021, 0.3103**, and the grayscale version is **77.4518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1272, 0.3260, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **76.7385, 0.3370, 0.3724**, and if you desaturate by 10%, it is **79.5473, 0.3092, 0.3227**.

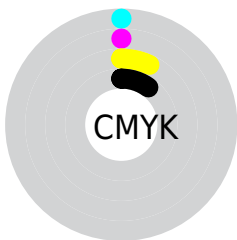
Distribution



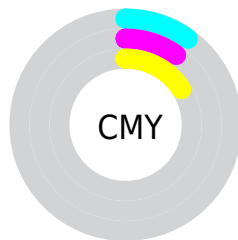
- Red (90%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0557, 0.3229, 0.3471 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 78.0557, 0.3229, 0.3471 by changing the saturation by 10% instead.

■ 78.0557, 0.3229,
0.3471

■ 78.0557, 0.3229,
0.3471

488.3560, 0.3183,
0.3388

■ 58.1197, 0.3239,
0.3490

130.6286, 0.3213,
0.3442

■ 41.9049, 0.3252,
0.3513

164.0344, 0.3207,
0.3431

■ 29.0268, 0.3268,
0.3543

202.6989, 0.3201,
0.3421

■ 19.1011, 0.3289,
0.3581

247.0065, 0.3197,
0.3413

■ 11.7434, 0.3317,
0.3634

297.3416, 0.3193,
0.3405

■ 6.5692, 0.3356,
0.3709

354.0886, 0.3189,

■ 3.1942, 0.3415,

0.3399

0.3826

417.6319, 0.3186,
0.3393

■ 1.2339, 0.3535,
0.4055

■ 0.0892, 0.0490,
0.9510

■ 78.0557, 0.3229,
0.3471

■ 78.0557, 0.3229,
0.3471

■ 76.7385, 0.3370,
0.3724

■ 79.5473, 0.3092,
0.3227

■ 75.5786, 0.3511,
0.3980


■ 80.9469, 0.2985,
0.3037

■ 74.5720, 0.3647,
0.4231

■ 81.1866, 0.2994,
0.3037

■ 73.7105, 0.3773,
0.4467


■ 81.4282, 0.3004,
0.3038


 72.9855, 0.3883,
0.4678


 81.6718, 0.3013,
0.3039

 72.3872, 0.3971,
0.4855

 81.9174, 0.3022,
0.3040

 71.9046, 0.4034,
0.4990

 82.1649, 0.3032,
0.3040

 71.5248, 0.4070,
0.5081

 82.4143, 0.3041,
0.3041

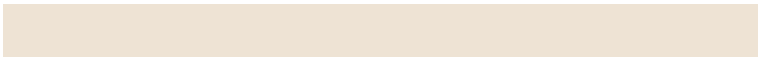
 71.2306, 0.4082,
0.5130

 82.6658, 0.3051,
0.3042

Harmonies

Analogous

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



78.0557, 0.3304, 0.3448



78.0557, 0.3229, 0.3471



78.0557, 0.3128, 0.3444

Triad

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



78.0557, 0.3229, 0.3471



78.0557, 0.2928, 0.3191



78.0557, 0.3226, 0.3209

Complementary

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



78.0557, 0.3229, 0.3471



67.6279, 0.3021, 0.3103

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.



78.0557, 0.3124, 0.3143



78.0557, 0.3229, 0.3471



78.0557, 0.2953, 0.3132

Square

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



78.0557, 0.3229, 0.3471



78.0557, 0.2955, 0.3280



78.0557, 0.3024, 0.3115



78.0557, 0.3302, 0.3297

Rectangle

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



78.0557, 0.3229, 0.3471



78.0557, 0.3059, 0.3400



78.0557, 0.3024, 0.3115



78.0557, 0.3194, 0.3184

Sweetspot

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



78.0591, 0.3229, 0.3471



99.6159, 0.3155, 0.3339



69.6643, 0.3252, 0.3300



21.3259, 0.3153, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

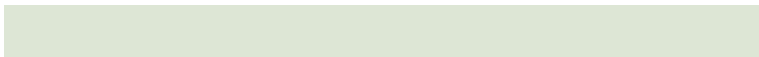
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0591, 0.3229, 0.3471



98.3398, 0.3252, 0.3513



76.7287, 0.3171, 0.3474



16.7693, 0.3258, 0.3523



40.3013, 0.4085, 0.5138



2.9920, 0.4102, 0.5125

Inverse Universe

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



67.6279, 0.3021, 0.3103



82.3650, 0.2996, 0.3059



68.9073, 0.3080, 0.3107



13.9297, 0.2990, 0.3048



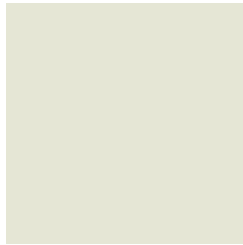
3.3062, 0.1520, 0.0611



0.2594, 0.1575, 0.0641

Previews

White Background



This preview shows how the Yxy color 78.0557, 0.3229, 0.3471 looks on a white background.

Color Contrast Check

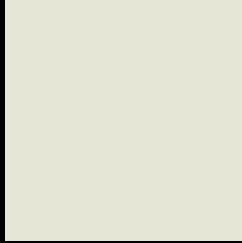
Large Text (above 18pt) WCAG AA × Fail

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 78.0557, 0.3229, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

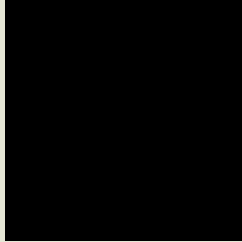
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

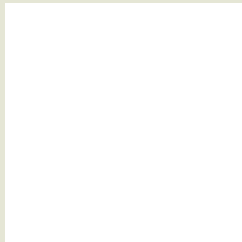
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0557, 0.3229, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 78.0557, 0.3229, 0.3471.



This preview shows how white text looks on a background with the Yxy color 78.0557, 0.3229, 0.3471.

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

78.0557, 0.3229, 0.3471

Protanopia

78.2448, 0.3295, 0.3458

Deuteranopia

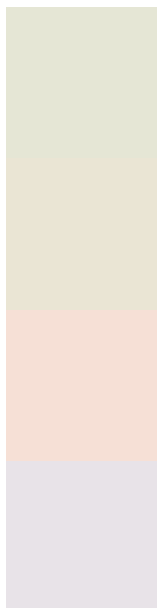
77.8792, 0.3415, 0.3351



Tritanopia

78.1874, 0.3067, 0.3115

Trichromacy



Original Color

78.0557, 0.3229, 0.3471

Protanomaly

78.2845, 0.3272, 0.3470

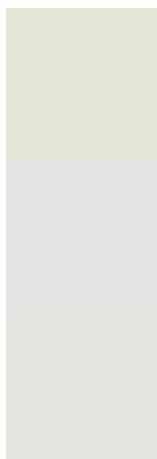
Deuteranomaly

77.7592, 0.3352, 0.3394

Tritanomaly

77.9202, 0.3130, 0.3238

Monochromacy



Original Color

78.0557, 0.3229, 0.3471

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.8603, 0.3159, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0557, 0.3229, 0.3471 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(229, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 213)  
}
```

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(229, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 213) }
```

Border

The CSS property to change the border of an element to Yxy 78.0557, 0.3229, 0.3471 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(229, 230, 213) }
```

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

```
.border{ border-color:rgb(229, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0557, 0.3229, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 213) }
```

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

```
.background{ background-color: rgb(229,  
230, 213) }
```

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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