

Converting Colors

$Yxy(69.7352, 0.3281, 0.3334)$

Have a look what the booklet for
Yxy(69.7352, 0.3281, 0.3334)
contains.

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Color

Yxy(69.7352, 0.3281, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	E7D6D2
RGB	231, 214, 210
RGB Percent	91%, 84%, 82%
CMY	0.0942, 0.1607, 0.1765
CMYK	0.00, 0.07, 0.09, 0.09
HSL	12°, 30%, 86%
HSV	12°, 9%, 91%
XYZ	68.6266, 69.7352, 70.8019
YIQ	218.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

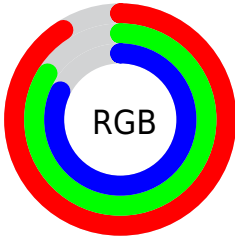
Format	Color
R _Y B	231, 215, 210
Decimal	15193810
CIE Lab	86.87, 5.17, 4.09
CIE LCh	87, 6.589, 38.323
Yxy	69.7352, 0.3281, 0.3334
Android (android.graphics.Color)	4293383890 (0xFFE7D6D2)
YUV	218.6270, -4.2531, 10.8511
Hunter-Lab	83.5076, 0.5532, 8.1863

Details

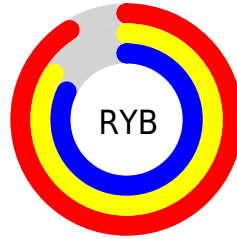
The Yxy color **69.7352, 0.3281, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3735, 0.2987, 0.3246**, and the grayscale version is **70.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3105, 0.3311, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **59.7583, 0.3484, 0.3386**, and if you desaturate by 10%, it is **80.9663, 0.3113, 0.3286**.

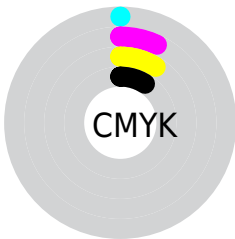
Distribution



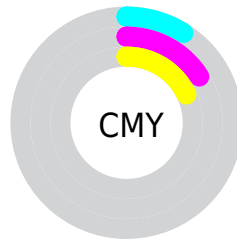
- Red (91%)
- Green (84%)
- Blue (82%)



- Red (91%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7352, 0.3281, 0.3334 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 69.7352, 0.3281, 0.3334 by changing the saturation by 10% instead.


 69.7352, 0.3281,
0.3334

 69.7352, 0.3281,
0.3334


459.6197, 0.3209,
0.3314

 51.3107, 0.3298,
0.3339


118.8311, 0.3256,
0.3327

 36.4559, 0.3318,
0.3344


150.2712, 0.3246,
0.3324

 24.7865, 0.3345,
0.3351


186.8186, 0.3238,
0.3322

 15.9181, 0.3380,
0.3360

228.8578, 0.3230,
0.3320

 9.4662, 0.3428,
0.3372

276.7731, 0.3224,
0.3318

 5.0465, 0.3499,
0.3389

330.9489, 0.3218,

 2.2746, 0.3614,

0.3317

0.3415

391.7697, 0.3213,
0.3315

0.7602, 0.3946,
0.3534

0.0000, 0.0000,
0.0000

69.7352, 0.3281,
0.3334

69.7352, 0.3281,
0.3334

59.7583, 0.3484,
0.3386

80.9663, 0.3113,
0.3286

50.9828, 0.3730,
0.3440

93.4077, 0.2981,
0.3253

43.3661, 0.4025,
0.3493

95.7252, 0.2981,
0.3290

36.8591, 0.4370,
0.3542

■ 31.4094, 0.4762,
0.3579

■ 26.9603, 0.5181,
0.3595

■ 23.4496, 0.5591,
0.3581

■ 20.8077, 0.5941,
0.3532

■ 18.9506, 0.6191,
0.3457

Harmonies

Analogous

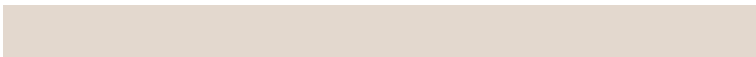
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7352, 0.3241, 0.3263



69.7352, 0.3281, 0.3334



69.7352, 0.3280, 0.3394

Triad

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



69.7352, 0.3281, 0.3334



69.7352, 0.3084, 0.3383



69.7352, 0.3018, 0.3155

Complementary

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



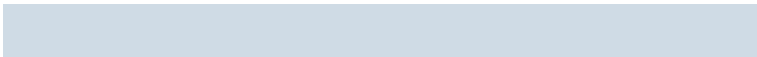
69.7352, 0.3281, 0.3334



74.3735, 0.2987, 0.3246

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.



69.7352, 0.2977, 0.3184



69.7352, 0.3281, 0.3334



69.7352, 0.3015, 0.3316

Square

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



69.7352, 0.3281, 0.3334



69.7352, 0.3165, 0.3424



69.7352, 0.2976, 0.3243



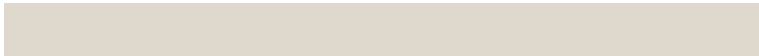
69.7352, 0.3088, 0.3161

Rectangle

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



69.7352, 0.3281, 0.3334



69.7352, 0.3255, 0.3420



69.7352, 0.2976, 0.3243



69.7352, 0.3000, 0.3161

Sweetspot

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



69.7383, 0.3281, 0.3334



95.6373, 0.3175, 0.3304



68.6216, 0.3164, 0.3108



20.2260, 0.3189, 0.3308



0.0000, 0.0000, 0.0000



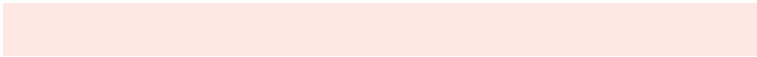
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7383, 0.3281, 0.3334



84.7086, 0.3318, 0.3344



75.1253, 0.3269, 0.3444



14.8140, 0.3288, 0.3336



10.6858, 0.6187, 0.3469



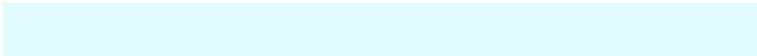
0.9166, 0.5916, 0.3685

Inverse Universe

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



74.3735, 0.2987, 0.3246



91.6714, 0.2957, 0.3235



68.9017, 0.2986, 0.3131



15.8408, 0.2981, 0.3244



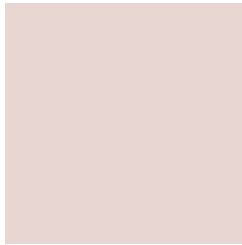
23.2401, 0.2073, 0.2664



1.8387, 0.2102, 0.2765

Previews

White Background



This preview shows how the Yxy color 69.7352, 0.3281, 0.3334 looks on a white background.

Color Contrast Check

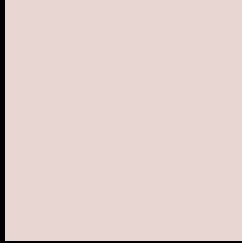
Large Text (above 18pt) WCAG AA × Fail

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 69.7352, 0.3281, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

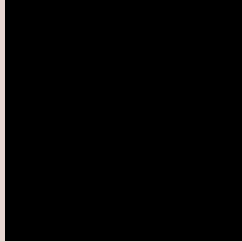
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

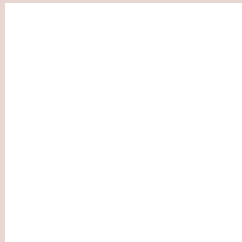
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7352, 0.3281, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 69.7352, 0.3281, 0.3334.

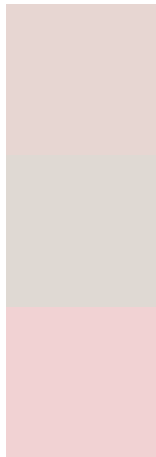


This preview shows how white text looks on a background with the Yxy color 69.7352, 0.3281, 0.3334.

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

69.7352, 0.3281, 0.3334

Protanopia

70.0168, 0.3212, 0.3356

Deuteranopia

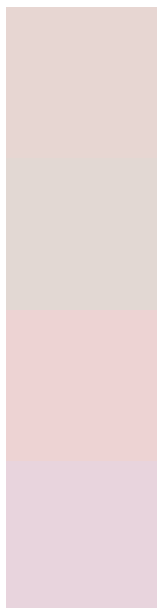
69.4971, 0.3355, 0.3280



Tritanopia

69.5136, 0.3172, 0.3110

Trichromacy



Original Color

69.7352, 0.3281, 0.3334

Protanomaly

69.9836, 0.3235, 0.3345

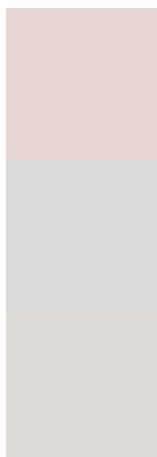
Deuteranomaly

69.2962, 0.3323, 0.3291

Tritanomaly

69.4632, 0.3213, 0.3194

Monochromacy



Original Color

69.7352, 0.3281, 0.3334

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2716, 0.3177, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7352, 0.3281, 0.3334 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(231, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(231, 214, 210)  
}
```

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(231, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 214, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.7352, 0.3281, 0.3334 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(231, 214, 210) }
```

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

```
.border{ border-color:rgb(231, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(231, 214,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7352, 0.3281, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 214, 210) }
```

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

```
.background{ background-color: rgb(231,  
214, 210) }
```

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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