

Converting Colors

Yxy(66.5569, 0.3317, 0.3312)

Have a look what the booklet for
Yxy(66.5569, 0.3317, 0.3312)
contains.

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Color

Yxy(66.5569, 0.3317, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E7D0CE
RGB	231, 208, 206
RGB Percent	91%, 82%, 81%
CMY	0.0941, 0.1843, 0.1920
CMYK	0.00, 0.10, 0.11, 0.09
HSL	5°, 34%, 86%
HSV	5°, 11%, 91%
XYZ	66.6574, 66.5569, 67.7425
YIQ	214.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

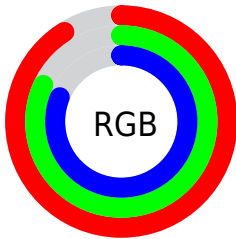
Format	Color
R _Y B	231, 208, 206
Decimal	15192270
CIE Lab	85.28, 7.68, 3.88
CIE LCh	85, 8.604, 26.820
Yxy	66.5569, 0.3317, 0.3312
Android (android.graphics.Color)	4293382350 (0xFFE7D0CE)
YUV	214.6490, -4.2640, 14.3398
Hunter-Lab	81.5824, 3.0752, 7.8758

Details

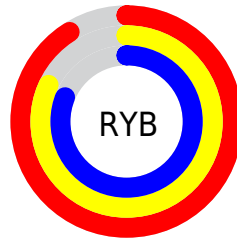
The Yxy color **66.5569, 0.3317, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9594, 0.2961, 0.3268**, and the grayscale version is **67.7312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4922, 0.3359, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **55.8286, 0.3536, 0.3334**, and if you desaturate by 10%, it is **78.8482, 0.3140, 0.3292**.

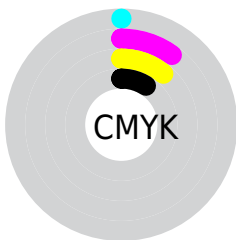
Distribution



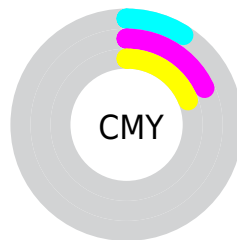
- Red (91%)
- Green (82%)
- Blue (81%)



- Red (91%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5569, 0.3317, 0.3312 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 66.5569, 0.3317, 0.3312 by changing the saturation by 10% instead.

 66.5569, 0.3317,
0.3312

 66.5569, 0.3317,
0.3312


448.3659, 0.3227,
0.3302

 48.7246, 0.3338,
0.3314

114.2853, 0.3286,
0.3309

 34.4011, 0.3364,
0.3317


144.9501, 0.3273,
0.3307

 23.2019, 0.3398,
0.3320


180.6613, 0.3263,
0.3306

 14.7427, 0.3442,
0.3323

221.8032, 0.3254,
0.3305

 8.6390, 0.3505,
0.3328

268.7603, 0.3246,
0.3305

 4.5065, 0.3597,
0.3334

321.9168, 0.3239,

 1.9607, 0.3750,

0.3304

381.6572, 0.3233,
0.3303

0.3342

0.5845, 0.4390,
0.3453

0.0000, 0.0000,
0.0000

66.5569, 0.3317,
0.3312

66.5569, 0.3317,
0.3312

55.8286, 0.3536,
0.3334

78.8482, 0.3140,
0.3292

46.5923, 0.3806,
0.3357

92.7524, 0.2997,
0.3273

38.7845, 0.4134,
0.3379

95.7315, 0.2982,
0.3290

32.3339, 0.4523,
0.3398

■ 27.1629, 0.4964,
0.3410

■ 23.1861, 0.5425,
0.3411

■ 20.3079, 0.5852,
0.3397

■ 18.4174, 0.6177,
0.3367

■ 17.4312, 0.6353,
0.3338

Harmonies

Analogous

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



66.5569, 0.3245, 0.3220



66.5569, 0.3317, 0.3312



66.5569, 0.3337, 0.3400

Triad

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



66.5569, 0.3317, 0.3312



66.5569, 0.3110, 0.3440



66.5569, 0.2956, 0.3120

Complementary

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



66.5569, 0.3317, 0.3312



74.9594, 0.2961, 0.3268

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.



66.5569, 0.2922, 0.3175



66.5569, 0.3317, 0.3312



66.5569, 0.3010, 0.3361

Square

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



66.5569, 0.3317, 0.3312



66.5569, 0.3217, 0.3476



66.5569, 0.2941, 0.3263



66.5569, 0.3036, 0.3110

Rectangle

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



66.5569, 0.3317, 0.3312



66.5569, 0.3319, 0.3445



66.5569, 0.2941, 0.3263



66.5569, 0.2939, 0.3134

Sweetspot

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



66.5598, 0.3317, 0.3312



95.1031, 0.3176, 0.3296



66.8239, 0.3151, 0.3042



20.0825, 0.3189, 0.3298



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.



66.5598, 0.3317, 0.3312



80.0872, 0.3362, 0.3317



72.7337, 0.3302, 0.3443



14.5496, 0.3291, 0.3309



9.8404, 0.6340, 0.3348



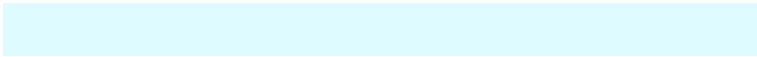
0.7911, 0.6184, 0.3472

Inverse Universe

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



74.9594, 0.2961, 0.3268



92.5891, 0.2927, 0.3263



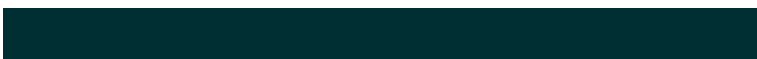
68.4473, 0.2959, 0.3132



16.1316, 0.2982, 0.3271



29.9367, 0.2178, 0.3042



2.2703, 0.2189, 0.3081

Previews

White Background



This preview shows how the Yxy color 66.5569, 0.3317, 0.3312 looks on a white background.

Color Contrast Check

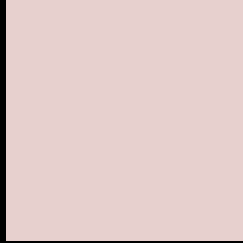
Large Text (above 18pt) WCAG AA × Fail

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 66.5569, 0.3317, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

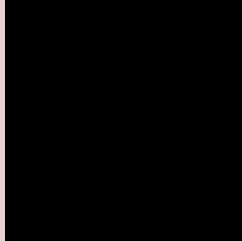
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5569, 0.3317, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 66.5569, 0.3317, 0.3312.

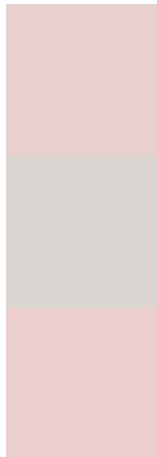


This preview shows how white text looks on a background with the Yxy color 66.5569, 0.3317, 0.3312.

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

66.5569, 0.3317, 0.3312

Protanopia

66.5465, 0.3199, 0.3335

Deuteranopia

66.4317, 0.3359, 0.3291



Tritanopia

66.7402, 0.3218, 0.3119

Trichromacy



Original Color

66.5569, 0.3317, 0.3312

Protanomaly

66.7815, 0.3245, 0.3335

Deuteranomaly

66.5743, 0.3342, 0.3301

Tritanomaly

66.7393, 0.3253, 0.3193

Monochromacy



Original Color

66.5569, 0.3317, 0.3312

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2126, 0.3194, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5569, 0.3317, 0.3312 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, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 206)  
}
```

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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.5569, 0.3317, 0.3312 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, 208, 206) }
```

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

```
.border{ border-color:rgb(231, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(231, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5569, 0.3317, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 206) }
```

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

```
.background{ background-color: rgb(231,  
208, 206) }
```

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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