

Converting Colors

Yxy(69.4225, 0.3382, 0.3339)

Have a look what the booklet for
Yxy(69.4225, 0.3382, 0.3339)
contains.

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Color

Yxy(69.5700, 0.3382, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	F0D3CE
RGB	240, 211, 206
RGB Percent	94%, 83%, 81%
CMY	0.0590, 0.1725, 0.1921
CMYK	0.00, 0.12, 0.14, 0.06
HSL	9°, 53%, 87%
HSV	9°, 14%, 94%
XYZ	70.3606, 69.5700, 68.1137
YIQ	219.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

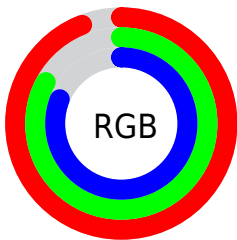
Format	Color
R _Y B	240, 212, 206
Decimal	15782862
CIE Lab	86.79, 9.27, 6.17
CIE LCh	87, 11.131, 33.645
Yxy	69.5700, 0.3382, 0.3344
Android (android.graphics.Color)	4293972942 (0xFFFF0D3CE)
YUV	219.1010, -6.4588, 18.3284
Hunter-Lab	83.4086, 4.6112, 9.9683

Details

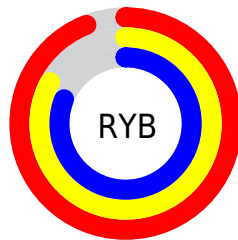
The Yxy color **69.5700, 0.3382, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7977, 0.2910, 0.3235**, and the grayscale version is **70.9473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2343, 0.3447, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **58.9694, 0.3611, 0.3385**, and if you desaturate by 10%, it is **81.6478, 0.3195, 0.3305**.

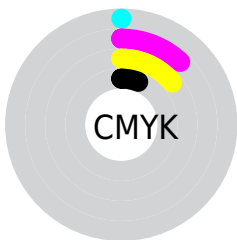
Distribution



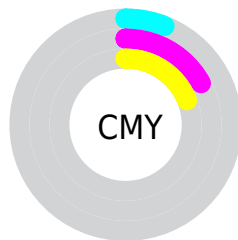
- Red (94%)
- Green (83%)
- Blue (81%)



- Red (94%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (6%)




- Cyan (6%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5700, 0.3382, 0.3344 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 69.5700, 0.3382, 0.3344 by changing the saturation by 10% instead.

 69.5700, 0.3382,
0.3344

 69.5700, 0.3382,
0.3344

459.0388, 0.3262,
0.3320

 51.1761, 0.3410,
0.3349

118.5953, 0.3340,
0.3336

 36.3487, 0.3444,
0.3356


149.9955, 0.3324,
0.3333

 24.7037, 0.3488,
0.3363

186.4999, 0.3310,
0.3330

 15.8564, 0.3547,
0.3373

228.4929, 0.3298,
0.3327

 9.4226, 0.3627,
0.3386

276.3589, 0.3287,
0.3325

 5.0178, 0.3746,
0.3403

330.4823, 0.3278,

 2.2577, 0.3938,

0.3323

0.3425

391.2474, 0.3270,
0.3322

0.7512, 0.4534,
0.3608

0.0000, 0.0000,
0.0000

69.5700, 0.3382,
0.3344

69.5700, 0.3382,
0.3344

58.9694, 0.3611,
0.3385

81.6478, 0.3195,
0.3305

49.7802, 0.3889,
0.3427

95.2469, 0.3041,
0.3269

41.9455, 0.4222,
0.3467

97.2587, 0.3035,
0.3290

35.4009, 0.4609,
0.3500

■ 30.0767, 0.5036,
0.3519

■ 25.8966, 0.5474,
0.3517

■ 22.7754, 0.5868,
0.3487

■ 20.6158, 0.6163,
0.3431

■ 19.7469, 0.6281,
0.3395

Harmonies

Analogous

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



69.5700, 0.3303, 0.3226



69.5700, 0.3382, 0.3344



69.5700, 0.3391, 0.3451

Triad

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



69.5700, 0.3382, 0.3344



69.5700, 0.3074, 0.3463



69.5700, 0.2928, 0.3066

Complementary

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



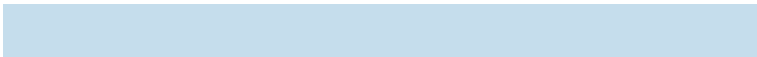
69.5700, 0.3382, 0.3344



78.7977, 0.2910, 0.3235

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.



69.5700, 0.2870, 0.3123



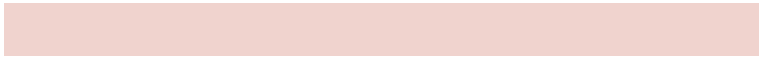
69.5700, 0.3382, 0.3344



69.5700, 0.2953, 0.3353

Square

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



69.5700, 0.3382, 0.3344



69.5700, 0.3211, 0.3523



69.5700, 0.2879, 0.3227



69.5700, 0.3040, 0.3068

Rectangle

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



69.5700, 0.3382, 0.3344



69.5700, 0.3356, 0.3502



69.5700, 0.2879, 0.3227



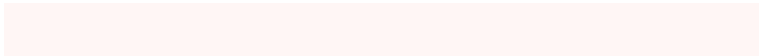
69.5700, 0.2902, 0.3079

Sweetspot

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



69.5731, 0.3382, 0.3344



93.9385, 0.3192, 0.3305



68.6863, 0.3175, 0.2985



19.8695, 0.3205, 0.3308



0.0000, 0.0000, 0.0000



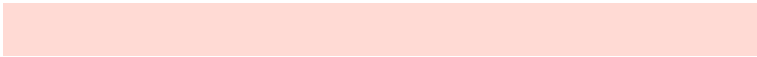
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5731, 0.3382, 0.3344



76.1659, 0.3444, 0.3356



78.1932, 0.3357, 0.3516



16.1355, 0.3290, 0.3326



10.9302, 0.6261, 0.3411



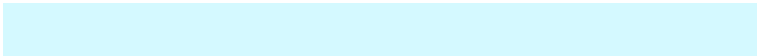
1.0235, 0.6044, 0.3583

Inverse Universe

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



78.7977, 0.2910, 0.3235



88.6679, 0.2866, 0.3223



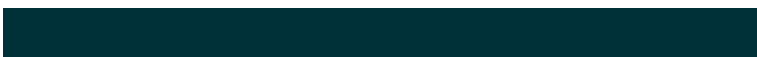
69.7906, 0.2904, 0.3054



17.5078, 0.2981, 0.3254



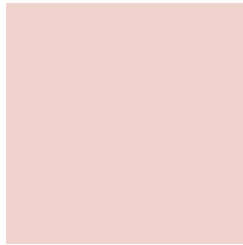
27.3834, 0.2115, 0.2815



2.3853, 0.2134, 0.2883

Previews

White Background



This preview shows how the Yxy color 69.5700, 0.3382, 0.3344 looks on a white background.

Color Contrast Check

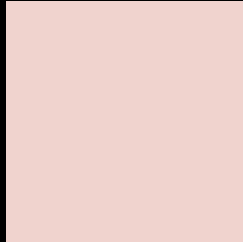
Large Text (above 18pt) WCAG AA × Fail

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 69.5700, 0.3382, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

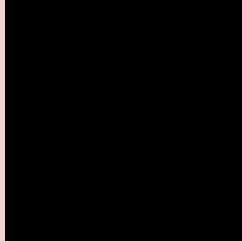
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5700, 0.3382, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 69.5700, 0.3382, 0.3344.

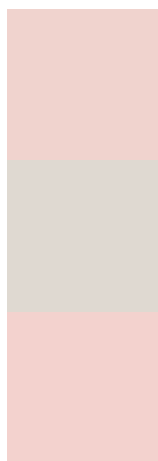


This preview shows how white text looks on a background with the Yxy color 69.5700, 0.3382, 0.3344.

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

69.5700, 0.3382, 0.3344

Protanopia

69.9171, 0.3225, 0.3378

Deuteranopia

69.6041, 0.3407, 0.3333



Tritanopia

69.3708, 0.3270, 0.3124

Trichromacy



Original Color

69.5700, 0.3382, 0.3344

Protanomaly

69.8130, 0.3279, 0.3366

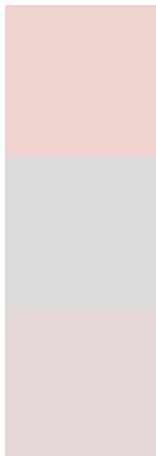
Deuteranomaly

69.4267, 0.3399, 0.3333

Tritanomaly

69.3115, 0.3312, 0.3206

Monochromacy



Original Color

69.5700, 0.3382, 0.3344

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2977, 0.3221, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5700, 0.3382, 0.3344 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(240, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 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(240, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.5700, 0.3382, 0.3344 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(240, 211, 206) }
```

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

```
.border{ border-color:rgb(240, 211, 206) }
```

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

Here you see how a box with a 4 pixel rgb(240, 211, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5700, 0.3382, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 206) }
```

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

```
.background{ background-color: rgb(240,  
211, 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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