

Converting Colors

$Yxy(69.3761, 0.3350, 0.3355)$

Have a look what the booklet for
Yxy(69.3761, 0.3350, 0.3355)
contains.

Yxy(69.3761, 0.3350, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.3761, 0.3350, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	ECD4CE
RGB	236, 212, 206
RGB Percent	93%, 83%, 81%
CMY	0.0746, 0.1686, 0.1921
CMYK	0.00, 0.10, 0.13, 0.07
HSL	12°, 44%, 87%
HSV	12°, 13%, 93%
XYZ	69.2727, 69.3761, 68.1354
YIQ	218.4920, 16.2300, 3.2220

Conversions

Conversions Part 2

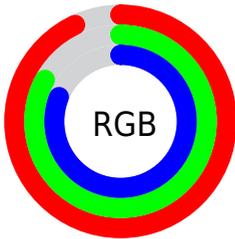
Format	Color
R _Y B	236, 214, 206
Decimal	15520974
CIE Lab	86.69, 7.34, 5.98
CIE LCh	87, 9.466, 39.208
Yxy	69.3761, 0.3350, 0.3355
Android (android.graphics.Color)	4293711054 (0xFFECD4CE)
YUV	218.4920, -6.1586, 15.3545
Hunter-Lab	83.2923, 2.6937, 9.8038

Details

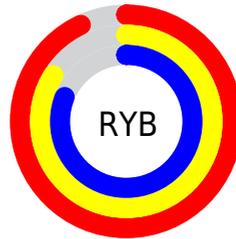
The Yxy color $69.3761, 0.3350, 0.3355$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.7608, 0.2931, 0.3224$, and the grayscale version is $70.5043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.0842, 0.3404, 0.3361$ is the 20% darker color. If you saturate the color by 10%, you get $59.4259, 0.3568, 0.3410$, and if you desaturate by 10%, it is $80.6075, 0.3170, 0.3303$.

Distribution



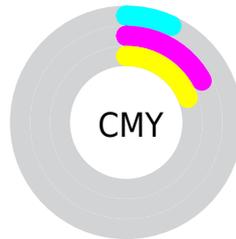
- Red (93%)
- Green (83%)
- Blue (81%)



- Red (93%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3761, 0.3350, 0.3355 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 69.3761, 0.3350, 0.3355 by changing the saturation by 10% instead.

 69.3761, 0.3350,
0.3355

 69.3761, 0.3350,
0.3355

458.3563, 0.3245,
0.3326

 51.0181, 0.3374,
0.3362

118.3186, 0.3313,
0.3345

 36.2230, 0.3404,
0.3370

149.6719, 0.3299,
0.3341

 24.6065, 0.3443,
0.3380

186.1256, 0.3287,
0.3338

 15.7841, 0.3494,
0.3392

228.0644, 0.3277,
0.3335

 9.3715, 0.3565,
0.3409

275.8724, 0.3267,
0.3332

 4.9843, 0.3669,
0.3433

329.9341, 0.3259,

 2.2380, 0.3837,

0.3330

0.3467

390.6340, 0.3252,
0.3328

0.7406, 0.4391,
0.3680

0.0000, 0.0000,
0.0000

69.3761, 0.3350,
0.3355

69.3761, 0.3350,
0.3355

59.4259, 0.3568,
0.3410

80.6075, 0.3170,
0.3303

50.7022, 0.3830,
0.3466

93.1540, 0.3022,
0.3256

43.1599, 0.4141,
0.3521

96.5703, 0.3011,
0.3290

36.7475, 0.4503,
0.3568

■ 31.4099, 0.4904,
0.3600

■ 27.0871, 0.5323,
0.3607

■ 23.7128, 0.5715,
0.3581

■ 21.2127, 0.6031,
0.3518

■ 19.8846, 0.6198,
0.3461

Harmonies

Analogous

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



69.3761, 0.3293, 0.3254



69.3761, 0.3350, 0.3355



69.3761, 0.3346, 0.3441

Triad

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



69.3761, 0.3350, 0.3355



69.3761, 0.3061, 0.3422



69.3761, 0.2972, 0.3095

Complementary

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



69.3761, 0.3350, 0.3355



75.7608, 0.2931, 0.3224

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.



69.3761, 0.2913, 0.3135



69.3761, 0.3350, 0.3355



69.3761, 0.2963, 0.3324

Square

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



69.3761, 0.3350, 0.3355



69.3761, 0.3178, 0.3483



69.3761, 0.2910, 0.3219



69.3761, 0.3074, 0.3106

Rectangle

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



69.3761, 0.3350, 0.3355



69.3761, 0.3309, 0.3479



69.3761, 0.2910, 0.3219



69.3761, 0.2947, 0.3103

Sweetspot

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



69.3792, 0.3350, 0.3355



94.2659, 0.3192, 0.3310



67.6885, 0.3184, 0.3038



19.9520, 0.3205, 0.3314



0.0000, 0.0000, 0.0000



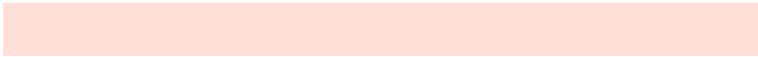
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3792, 0.3350, 0.3355



79.7893, 0.3398, 0.3368



77.2203, 0.3329, 0.3512



15.5425, 0.3288, 0.3338



11.1075, 0.6174, 0.3480



1.0050, 0.5916, 0.3684

Inverse Universe

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



75.7608, 0.2931, 0.3224



88.6624, 0.2896, 0.3211



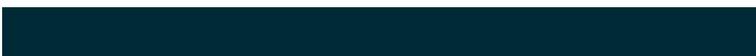
67.7788, 0.2927, 0.3057



16.5795, 0.2981, 0.3242



23.5242, 0.2065, 0.2635



1.9772, 0.2093, 0.2736

Previews

White Background



This preview shows how the Yxy color 69.3761, 0.3350, 0.3355 looks on a white background.

Color Contrast Check

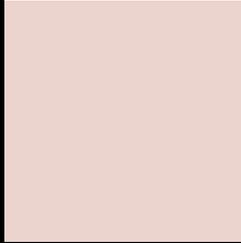
Large Text (above 18pt) WCAG AA × Fail

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 69.3761, 0.3350, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

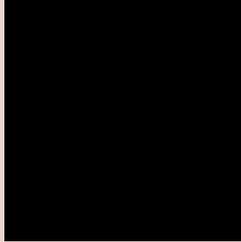
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3761, 0.3350, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 69.3761, 0.3350, 0.3355.



This preview shows how white text looks on a background with the Yxy color 69.3761, 0.3350, 0.3355.

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

69.3761, 0.3350, 0.3355

Protanopia

69.3538, 0.3233, 0.3378

Deuteranopia

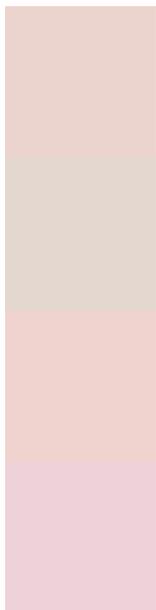
69.4267, 0.3399, 0.3333



Tritanopia

69.3879, 0.3240, 0.3123

Trichromacy



Original Color

69.3761, 0.3350, 0.3355

Protanomaly

69.5999, 0.3279, 0.3378

Deuteranomaly

69.5700, 0.3382, 0.3344

Tritanomaly

69.3323, 0.3281, 0.3206

Monochromacy



Original Color

69.3761, 0.3350, 0.3355

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9743, 0.3207, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3761, 0.3350, 0.3355 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(236, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 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(236, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.3761, 0.3350, 0.3355 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(236, 212, 206) }
```

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

```
.border{ border-color:rgb(236, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(236, 212,  
206) }
```

Background

The CSS property to change the background color of an element to Yxy 69.3761, 0.3350, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 206) }
```

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

```
.background{ background-color: rgb(236,  
212, 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](#).

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