

Converting Colors

$Yxy(67.0571, 0.3432, 0.3277)$

Have a look what the booklet for
Yxy(67.0571, 0.3432, 0.3277)
contains.

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Color

Yxy(67.0544, 0.3432, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F5CCCE
RGB	245, 204, 206
RGB Percent	96%, 80%, 81%
CMY	0.0394, 0.1999, 0.1921
CMYK	0.00, 0.17, 0.16, 0.04
HSL	357°, 67%, 88%
HSV	357°, 17%, 96%
XYZ	70.3764, 67.0544, 67.6286
YIQ	216.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

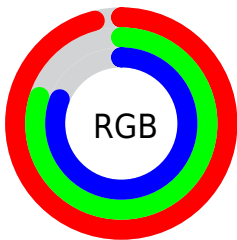
Format	Color
R _Y B	245, 204, 206
Decimal	16108750
CIE Lab	85.53, 14.71, 4.41
CIE LCh	86, 15.353, 16.700
Yxy	67.0544, 0.3432, 0.3270
Android (android.graphics.Color)	4294298830 (0xFFFF5CCCE)
YUV	216.4870, -5.1701, 25.0059
Hunter-Lab	81.8868, 10.1074, 8.3543

Details

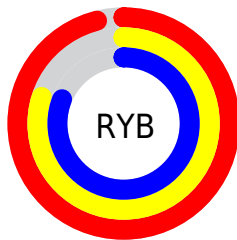
The Yxy color $67.0544, 0.3432, 0.3270$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.5835, 0.2885, 0.3310$, and the grayscale version is $69.0417, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.7711, 0.3502, 0.3264$ is the 20% darker color. If you saturate the color by 10%, you get $55.2627, 0.3677, 0.3257$, and if you desaturate by 10%, it is $80.8513, 0.3236, 0.3282$.

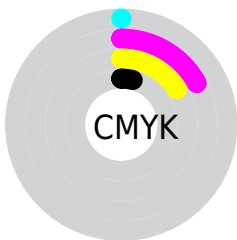
Distribution



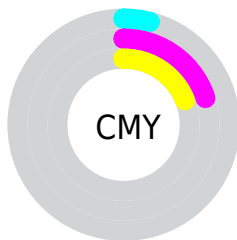
- Red (96%)
- Green (80%)
- Blue (81%)



- Red (96%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0544, 0.3432, 0.3270 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 67.0544, 0.3432, 0.3270 by changing the saturation by 10% instead.


 67.0544, 0.3432,
0.3270

 67.0544, 0.3432,
0.3270


450.1384, 0.3288,
0.3281

 49.1288, 0.3466,
0.3267


114.9984, 0.3381,
0.3274

 34.7217, 0.3508,
0.3263


145.7855, 0.3362,
0.3276

 23.4486, 0.3561,
0.3258


181.6287, 0.3345,
0.3277

 14.9251, 0.3633,
0.3251

222.9123, 0.3331,
0.3278

 8.7668, 0.3732,
0.3240

270.0207, 0.3318,
0.3279

 4.5894, 0.3880,
0.3221

323.3382, 0.3307,

 2.0084, 0.4122,

0.3280

0.3186

383.2493, 0.3297,
0.3280

0.6124, 0.4933,
0.3197

0.0000, 0.0000,
0.0000

67.0544, 0.3432,
0.3270

67.0544, 0.3432,
0.3270

55.2627, 0.3677,
0.3257

80.8513, 0.3236,
0.3282

45.3744, 0.3980,
0.3245

96.7311, 0.3079,
0.3294

37.2924, 0.4348,
0.3234

98.1432, 0.3065,
0.3290

30.9077, 0.4778,
0.3227

■ 26.0993, 0.5247,
0.3226

■ 22.7301, 0.5705,
0.3235

■ 20.6399, 0.6083,
0.3252

■ 19.6271, 0.6318,
0.3276

■ 19.4293, 0.6365,
0.3280

Harmonies

Analogous

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



67.0544, 0.3278, 0.3118



67.0544, 0.3432, 0.3270



67.0544, 0.3503, 0.3432

Triad

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



67.0544, 0.3432, 0.3270



67.0544, 0.3160, 0.3593



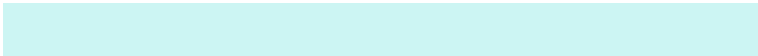
67.0544, 0.2794, 0.3012

Complementary

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



67.0544, 0.3432, 0.3270



84.5835, 0.2885, 0.3310

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.



67.0544, 0.2766, 0.3130



67.0544, 0.3432, 0.3270



67.0544, 0.2973, 0.3471

Square

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



67.0544, 0.3432, 0.3270



67.0544, 0.3342, 0.3625



67.0544, 0.2830, 0.3299



67.0544, 0.2910, 0.2970

Rectangle

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



67.0544, 0.3432, 0.3270



67.0544, 0.3492, 0.3525



67.0544, 0.2830, 0.3299



67.0544, 0.2774, 0.3044

Sweetspot

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



67.0574, 0.3432, 0.3270



91.3762, 0.3207, 0.3284



68.8244, 0.3132, 0.2874



19.3088, 0.3219, 0.3283



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.



67.0574, 0.3432, 0.3270



68.9247, 0.3508, 0.3266



76.2409, 0.3416, 0.3482



16.4955, 0.3286, 0.3279



10.4776, 0.6350, 0.3272



0.9254, 0.6225, 0.3203

Inverse Universe

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



67.0574, 0.3432, 0.3270



68.9247, 0.3508, 0.3266



74.1133, 0.2865, 0.3090



16.4955, 0.3286, 0.3279



10.4776, 0.6350, 0.3272



0.9254, 0.6225, 0.3203

Previews

White Background



This preview shows how the Yxy color 67.0544, 0.3432, 0.3270 looks on a white background.

Color Contrast Check

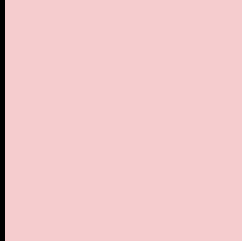
Large Text (above 18pt) WCAG AA × Fail

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 67.0544, 0.3432, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

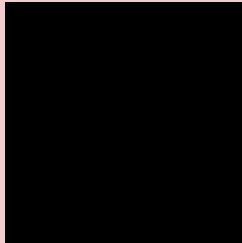
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0544, 0.3432, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 67.0544, 0.3432, 0.3270.



This preview shows how white text looks on a background with the Yxy color 67.0544, 0.3432, 0.3270.

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

67.0544, 0.3432, 0.3270

Protanopia

67.1971, 0.3178, 0.3312

Deuteranopia

67.2106, 0.3380, 0.3312



Tritanopia

66.8958, 0.3352, 0.3124

Trichromacy



Original Color

67.0544, 0.3432, 0.3270

Protanomaly

67.1906, 0.3270, 0.3301

Deuteranomaly

67.2512, 0.3405, 0.3301

Tritanomaly

67.1597, 0.3381, 0.3176

Monochromacy



Original Color

67.0544, 0.3432, 0.3270

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.1713, 0.3239, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0544, 0.3432, 0.3270 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(245, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 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(245, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 67.0544, 0.3432, 0.3270 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(245, 204, 206) }
```

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

```
.border{ border-color:rgb(245, 204, 206) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0544, 0.3432, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 206) }
```

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

```
.background{ background-color: rgb(245,  
204, 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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