

Converting Colors

$Yxy(62.1385, 0.3575, 0.3443)$

Have a look what the booklet for
Yxy(62.1385, 0.3575, 0.3443)
contains.

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Color

Yxy(62.3741, 0.3577, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	F0C6B8
RGB	240, 198, 184
RGB Percent	94%, 78%, 72%
CMY	0.0587, 0.2235, 0.2786
CMYK	0.00, 0.18, 0.23, 0.06
HSL	15°, 65%, 83%
HSV	15°, 23%, 94%
XYZ	64.7829, 62.3741, 53.9525
YIQ	208.9620, 29.5260, 4.5500

Conversions

Conversions Part 2

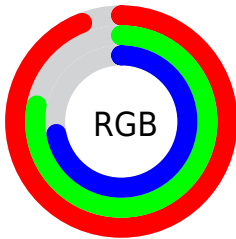
Format	Color
R _Y B	240, 203, 184
Decimal	15779512
CIE Lab	83.11, 12.82, 12.62
CIE LCh	83, 17.988, 44.552
Yxy	62.3741, 0.3577, 0.3444
Android (android.graphics.Color)	4293969592 (0xFFFF0C6B8)
YUV	208.9620, -12.3063, 27.2203
Hunter-Lab	78.9773, 8.2083, 14.7807

Details

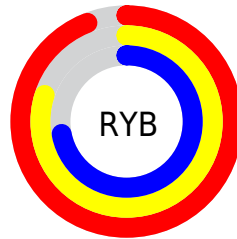
The Yxy color **62.3741, 0.3577, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8623, 0.2769, 0.3130**, and the grayscale version is **63.8031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **31.6525, 0.3690, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **53.7121, 0.3835, 0.3514**, and if you desaturate by 10%, it is **72.1896, 0.3361, 0.3375**.

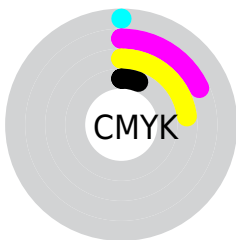
Distribution



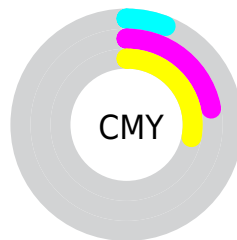
- Red (94%)
- Green (78%)
- Blue (72%)



- Red (94%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3741, 0.3577, 0.3444 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 62.3741, 0.3577, 0.3444 by changing the saturation by 10% instead.

 62.3741, 0.3577,
0.3444

 62.3741, 0.3577,
0.3444


433.2944, 0.3361,
0.3375

 45.3350, 0.3628,
0.3459


 108.2660, 0.3501,
0.3420

 31.7214, 0.3692,
0.3478


137.8877, 0.3471,
0.3411

 21.1488, 0.3775,
0.3500


172.4724, 0.3446,
0.3403

 13.2328, 0.3886,
0.3529

212.4044, 0.3425,
0.3396

 7.5891, 0.4042,
0.3565

258.0682, 0.3406,
0.3390

 3.8331, 0.4277,
0.3611

309.8482, 0.3389,

 1.5807, 0.4688,

0.3384

0.3684

368.1288, 0.3374,
0.3379

0.3445, 0.6502,
0.3498

0.0000, 0.0000,
0.0000

62.3741, 0.3577,
0.3444

62.3741, 0.3577,
0.3444

53.7121, 0.3835,
0.3514

72.1896, 0.3361,
0.3375

46.1523, 0.4138,
0.3582

83.1905, 0.3181,
0.3311

39.6522, 0.4485,
0.3641

95.3551, 0.3036,
0.3260

34.1632, 0.4869,
0.3683

97.2688, 0.3036,
0.3290

■ 29.6326, 0.5266,
0.3695

■ 26.0026, 0.5639,
0.3667

■ 23.2084, 0.5946,
0.3598

■ 21.7712, 0.6102,
0.3537

Harmonies

Analogous

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



62.3741, 0.3483, 0.3251



62.3741, 0.3577, 0.3444



62.3741, 0.3545, 0.3607

Triad

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



62.3741, 0.3577, 0.3444



62.3741, 0.2956, 0.3522



62.3741, 0.2854, 0.2909

Complementary

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



62.3741, 0.3577, 0.3444



70.8623, 0.2769, 0.3130

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.



62.3741, 0.2723, 0.2964



62.3741, 0.3577, 0.3444



62.3741, 0.2781, 0.3315

Square

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



62.3741, 0.3577, 0.3444



62.3741, 0.3182, 0.3662



62.3741, 0.2698, 0.3110



62.3741, 0.3060, 0.2950

Rectangle

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



62.3741, 0.3577, 0.3444



62.3741, 0.3457, 0.3674



62.3741, 0.2698, 0.3110



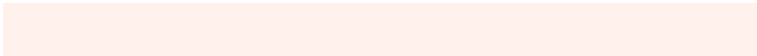
62.3741, 0.2800, 0.2916

Sweetspot

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



62.3770, 0.3577, 0.3444



90.6613, 0.3243, 0.3334



58.2867, 0.3262, 0.2846



19.2398, 0.3254, 0.3338



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.



62.3770, 0.3577, 0.3444



66.7009, 0.3694, 0.3477



76.3841, 0.3511, 0.3736



16.4019, 0.3287, 0.3350



12.0930, 0.6075, 0.3558



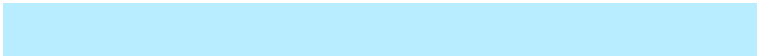
1.1590, 0.5821, 0.3760

Inverse Universe

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



70.8623, 0.2769, 0.3130



77.9995, 0.2699, 0.3094



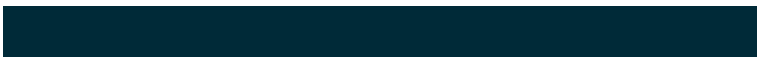
56.8571, 0.2742, 0.2800



17.2195, 0.2981, 0.3229



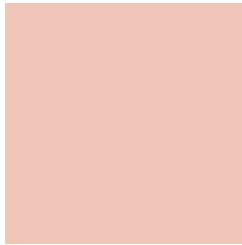
21.5136, 0.2016, 0.2458



1.9461, 0.2050, 0.2581

Previews

White Background



This preview shows how the Yxy color 62.3741, 0.3577, 0.3444 looks on a white background.

Color Contrast Check

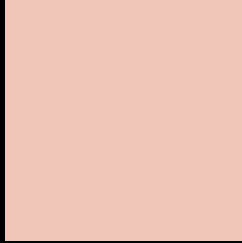
Large Text (above 18pt) WCAG AA × Fail

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 62.3741, 0.3577, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

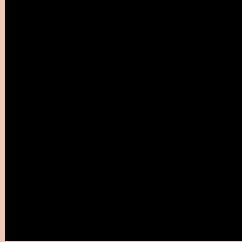
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3741, 0.3577, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 62.3741, 0.3577, 0.3444.



This preview shows how white text looks on a background with the Yxy color 62.3741, 0.3577, 0.3444.

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

62.3741, 0.3577, 0.3444

Protanopia

62.7036, 0.3325, 0.3510

Deuteranopia

62.6021, 0.3539, 0.3467



Tritanopia

62.2417, 0.3409, 0.3131

Trichromacy



Original Color

62.3741, 0.3577, 0.3444

Protanomaly

62.6209, 0.3410, 0.3483

Deuteranomaly

62.3121, 0.3549, 0.3456

Tritanomaly

62.0776, 0.3471, 0.3237

Monochromacy



Original Color

62.3741, 0.3577, 0.3444

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0484, 0.3279, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3741, 0.3577, 0.3444 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, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 198, 184)  
}
```

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, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 198, 184) }
```

Border

The CSS property to change the border of an element to Yxy 62.3741, 0.3577, 0.3444 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, 198, 184) }
```

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

```
.border{ border-color:rgb(240, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 198,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3741, 0.3577, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 198, 184) }
```

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

```
.background{ background-color: rgb(240,  
198, 184) }
```

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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