

Converting Colors

Yxy(61.9257, 0.3594, 0.3327)

Have a look what the booklet for
Yxy(61.9257, 0.3594, 0.3327)
contains.

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Color

Yxy(62.0754, 0.3595, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	F7C2BE
RGB	247, 194, 190
RGB Percent	97%, 76%, 75%
CMY	0.0315, 0.2391, 0.2548
CMYK	0.00, 0.21, 0.23, 0.03
HSL	4°, 78%, 86%
HSV	4°, 23%, 97%
XYZ	66.9349, 62.0754, 57.1786
YIQ	209.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

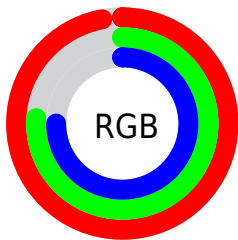
Format	Color
R _Y B	247, 194, 190
Decimal	16237246
CIE Lab	82.95, 18.32, 9.25
CIE LCh	83, 20.525, 26.795
Yxy	62.0754, 0.3595, 0.3334
Android (android.graphics.Color)	4294427326 (0xFFF7C2BE)
YUV	209.3910, -9.5598, 32.9831
Hunter-Lab	78.7879, 13.7672, 12.1231

Details

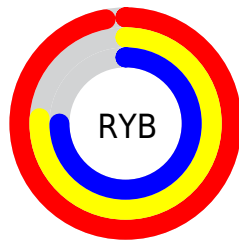
The Yxy color **62.0754, 0.3595, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.7389, 0.2782, 0.3246**, and the grayscale version is **64.0774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9082, 0.3182, 0.3338**, and **31.5095, 0.3716, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **51.6440, 0.3880, 0.3355**, and if you desaturate by 10%, it is **74.2745, 0.3363, 0.3314**.

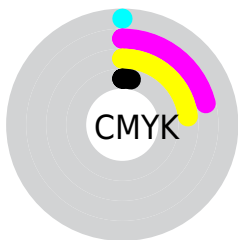
Distribution



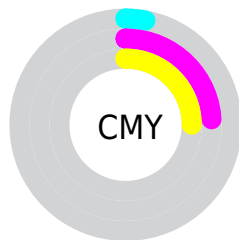
- Red (97%)
- Green (76%)
- Blue (75%)



- Red (97%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0754, 0.3595, 0.3334 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 62.0754, 0.3595, 0.3334 by changing the saturation by 10% instead.


 62.0754, 0.3595,
0.3334

 62.0754, 0.3595,
0.3334

432.2061, 0.3370,
0.3317

 45.0936, 0.3648,
0.3337

 107.8345, 0.3515,
0.3329

 31.5312, 0.3715,
0.3340


137.3806, 0.3485,
0.3327

 21.0037, 0.3802,
0.3343


171.8836, 0.3459,
0.3325

 13.1267, 0.3919,
0.3346

211.7279, 0.3436,
0.3323

 7.5158, 0.4083,
0.3346

257.2980, 0.3417,
0.3321

 3.7867, 0.4330,
0.3339

308.9780, 0.3399,

 1.5550, 0.4744,

0.3320

367.1526, 0.3384,
0.3318

0.3309

0.3270, 0.6986,
0.3014

0.0000, 0.0000,
0.0000

62.0754, 0.3595,
0.3334

62.0754, 0.3595,
0.3334

51.6440, 0.3880,
0.3355

74.2745, 0.3363,
0.3314

42.8902, 0.4227,
0.3374

88.3088, 0.3177,
0.3295

35.7290, 0.4634,
0.3390

98.5071, 0.3078,
0.3290

30.0645, 0.5089,
0.3399

■ 25.7904, 0.5551,
0.3396

■ 22.7866, 0.5960,
0.3379

■ 20.9124, 0.6247,
0.3350

■ 20.1792, 0.6362,
0.3330

Harmonies

Analogous

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



62.0754, 0.3414, 0.3120



62.0754, 0.3595, 0.3334



62.0754, 0.3644, 0.3547

Triad

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



62.0754, 0.3595, 0.3334



62.0754, 0.3080, 0.3666



62.0754, 0.2715, 0.2879

Complementary

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



62.0754, 0.3595, 0.3334



81.7389, 0.2782, 0.3246

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.



62.0754, 0.2635, 0.3004



62.0754, 0.3595, 0.3334



62.0754, 0.2840, 0.3464

Square

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



62.0754, 0.3595, 0.3334



62.0754, 0.3340, 0.3753



62.0754, 0.2680, 0.3217



62.0754, 0.2903, 0.2863

Rectangle

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



62.0754, 0.3595, 0.3334



62.0754, 0.3596, 0.3661



62.0754, 0.2680, 0.3217



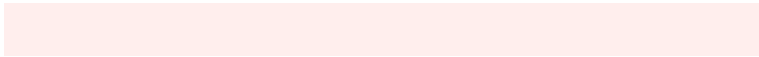
62.0754, 0.2675, 0.2909

Sweetspot

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



62.0783, 0.3595, 0.3334



88.7682, 0.3246, 0.3303



63.0828, 0.3182, 0.2751



18.8028, 0.3257, 0.3304



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.



62.0783, 0.3595, 0.3334



60.9352, 0.3730, 0.3344



75.8800, 0.3530, 0.3627



16.6694, 0.3292, 0.3307



10.7479, 0.6350, 0.3340



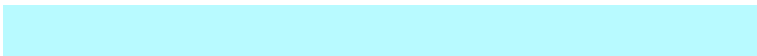
1.0086, 0.6228, 0.3437

Inverse Universe

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



81.7389, 0.2782, 0.3246



85.7207, 0.2713, 0.3235



66.1073, 0.2757, 0.2928



18.5466, 0.2981, 0.3273



33.4640, 0.2186, 0.3069



2.9999, 0.2194, 0.3099

Previews

White Background



This preview shows how the Yxy color 62.0754, 0.3595, 0.3334 looks on a white background.

Color Contrast Check

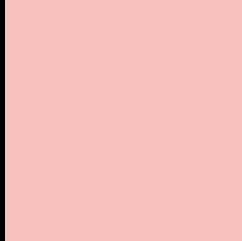
Large Text (above 18pt) WCAG AA × Fail

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 62.0754, 0.3595, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

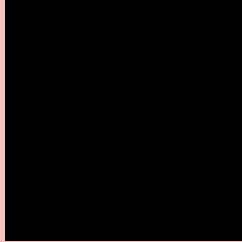
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0754, 0.3595, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 62.0754, 0.3595, 0.3334.



This preview shows how white text looks on a background with the Yxy color 62.0754, 0.3595, 0.3334.

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

62.0754, 0.3595, 0.3334

Protanopia

62.2743, 0.3253, 0.3406

Deuteranopia

62.3063, 0.3475, 0.3413



Tritanopia

62.2952, 0.3485, 0.3144

Trichromacy



Original Color

62.0754, 0.3595, 0.3334

Protanomaly

62.1437, 0.3368, 0.3381

Deuteranomaly

62.2394, 0.3520, 0.3389

Tritanomaly

62.2665, 0.3524, 0.3217

Monochromacy



Original Color

62.0754, 0.3595, 0.3334

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1380, 0.3289, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0754, 0.3595, 0.3334 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(247, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 194, 190)  
}
```

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(247, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 62.0754, 0.3595, 0.3334 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(247, 194, 190) }
```

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

```
.border{ border-color:rgb(247, 194, 190) }
```

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

Here you see how a box with a 4 pixel rgb(247, 194, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0754, 0.3595, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 194, 190) }
```

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

```
.background{ background-color: rgb(247,  
194, 190) }
```

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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