

Converting Colors

$Yxy(61.9821, 0.3634, 0.3373)$

Have a look what the booklet for
Yxy(61.9821, 0.3634, 0.3373)
contains.

Yxy(62.0852, 0.3637, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.0852, 0.3637, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	F8C2BA
RGB	248, 194, 186
RGB Percent	97%, 76%, 73%
CMY	0.0274, 0.2392, 0.2707
CMYK	0.00, 0.22, 0.25, 0.03
HSL	8°, 82%, 85%
HSV	8°, 25%, 97%
XYZ	66.8652, 62.0852, 54.8968
YIQ	209.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

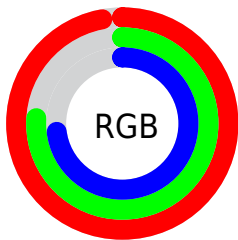
Format	Color
R _Y B	248, 195, 186
Decimal	16302778
CIE Lab	82.96, 18.14, 11.44
CIE LCh	83, 21.448, 32.226
Yxy	62.0852, 0.3637, 0.3377
Android (android.graphics.Color)	4294492858 (0xFFFF8C2BA)
YUV	209.2340, -11.4544, 33.9978
Hunter-Lab	78.7942, 13.5865, 13.8479

Details

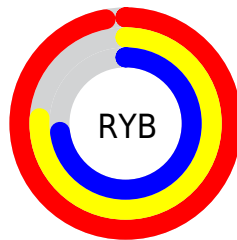
The Yxy color **62.0852, 0.3637, 0.3377** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5165, 0.2751, 0.3201**, and the grayscale version is **63.9813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6652, 0.3206, 0.3377**, and **31.5260, 0.3772, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **52.2014, 0.3924, 0.3414**, and if you desaturate by 10%, it is **73.5537, 0.3402, 0.3341**.

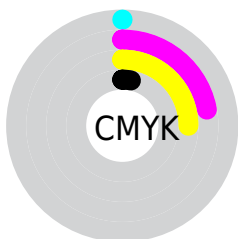
Distribution



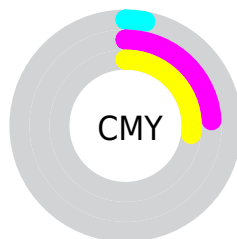
- Red (97%)
- Green (76%)
- Blue (73%)



- Red (97%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0852, 0.3637, 0.3377 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 62.0852, 0.3637, 0.3377 by changing the saturation by 10% instead.

 62.0852, 0.3637,
0.3377

 62.0852, 0.3637,
0.3377

432.2418, 0.3392,
0.3341

 45.1015, 0.3695,
0.3384


 107.8487, 0.3550,
0.3365

 31.5374, 0.3768,
0.3393


137.3973, 0.3517,
0.3360

 21.0084, 0.3863,
0.3402


171.9030, 0.3489,
0.3356

 13.1302, 0.3989,
0.3413

211.7501, 0.3464,
0.3352

 7.5182, 0.4168,
0.3424

257.3232, 0.3443,
0.3349

 3.7883, 0.4436,
0.3431

309.0066, 0.3424,

 1.5558, 0.4894,

0.3346

0.3427

367.1847, 0.3407,
0.3343

0.3275, 0.6972,
0.3028

0.0000, 0.0000,
0.0000

62.0852, 0.3637,
0.3377

62.0852, 0.3637,
0.3377

52.2014, 0.3924,
0.3414

73.5537, 0.3402,
0.3341

43.8243, 0.4267,
0.3449

86.6634, 0.3210,
0.3306

36.8822, 0.4665,
0.3476

98.6977, 0.3084,
0.3290

31.2942, 0.5104,
0.3491

■ 26.9711, 0.5546,
0.3485

■ 23.8132, 0.5935,
0.3455

■ 21.7048, 0.6213,
0.3402

■ 20.9975, 0.6306,
0.3375

Harmonies

Analogous

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



62.0852, 0.3469, 0.3151



62.0852, 0.3637, 0.3377



62.0852, 0.3661, 0.3593

Triad

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



62.0852, 0.3637, 0.3377



62.0852, 0.3029, 0.3653



62.0852, 0.2725, 0.2850

Complementary

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



62.0852, 0.3637, 0.3377



79.5165, 0.2751, 0.3201

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.



62.0852, 0.2620, 0.2959



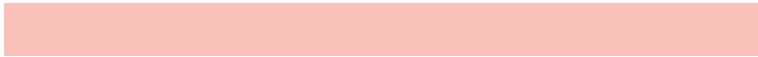
62.0852, 0.3637, 0.3377



62.0852, 0.2789, 0.3426

Square

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



62.0852, 0.3637, 0.3377



62.0852, 0.3302, 0.3769



62.0852, 0.2643, 0.3167



62.0852, 0.2937, 0.2854

Rectangle

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



62.0852, 0.3637, 0.3377



62.0852, 0.3592, 0.3703



62.0852, 0.2643, 0.3167



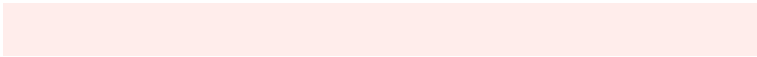
62.0852, 0.2676, 0.2874

Sweetspot

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



62.0881, 0.3637, 0.3377



87.9439, 0.3263, 0.3316



61.4004, 0.3211, 0.2734



18.3661, 0.3291, 0.3321



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.



62.0881, 0.3637, 0.3377



60.6359, 0.3774, 0.3396



76.9348, 0.3561, 0.3688



17.5874, 0.3291, 0.3321



11.4521, 0.6288, 0.3389



1.1705, 0.6106, 0.3533

Inverse Universe

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



79.5165, 0.2751, 0.3201



82.1041, 0.2681, 0.3181



63.1837, 0.2720, 0.2856



19.2024, 0.2980, 0.3258



30.3044, 0.2132, 0.2875



2.9102, 0.2147, 0.2929

Previews

White Background



This preview shows how the Yxy color 62.0852, 0.3637, 0.3377 looks on a white background.

Color Contrast Check

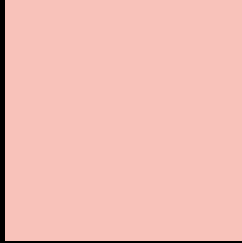
Large Text (above 18pt) WCAG AA × Fail

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 62.0852, 0.3637, 0.3377 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 62.0852, 0.3637, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 62.0852, 0.3637, 0.3377.



This preview shows how white text looks on a background with the Yxy color 62.0852, 0.3637, 0.3377.

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

62.0852, 0.3637, 0.3377

Protanopia

62.2445, 0.3290, 0.3452

Deuteranopia

62.0118, 0.3525, 0.3446



Tritanopia

62.0418, 0.3495, 0.3134

Trichromacy



Original Color

62.0852, 0.3637, 0.3377

Protanomaly

62.1275, 0.3406, 0.3426

Deuteranomaly

61.9606, 0.3571, 0.3422

Tritanomaly

61.9625, 0.3543, 0.3217

Monochromacy



Original Color

62.0852, 0.3637, 0.3377

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0908, 0.3297, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0852, 0.3637, 0.3377 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(248, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 186)  
}
```

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(248, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 186) }
```

Border

The CSS property to change the border of an element to Yxy 62.0852, 0.3637, 0.3377 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(248, 194, 186) }
```

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

```
.border{ border-color:rgb(248, 194, 186) }
```

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

Here you see how a box with a 4 pixel rgb(248, 194, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0852, 0.3637, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 186) }
```

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

```
.background{ background-color: rgb(248,  
194, 186) }
```

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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