

Converting Colors

Yxy(62.2778, 0.3457, 0.3119)

Have a look what the booklet for
Yxy(62.2778, 0.3457, 0.3119)
contains.

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Color

Yxy(62.2098, 0.3461, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	F8C0D0
RGB	248, 192, 208
RGB Percent	97%, 75%, 82%
CMY	0.0275, 0.2470, 0.1843
CMYK	0.00, 0.23, 0.16, 0.03
HSL	343°, 80%, 86%
HSV	343°, 23%, 97%
XYZ	68.9427, 62.2098, 68.0463
YIQ	210.5680, 28.2400, 16.8480

Conversions

Conversions Part 2

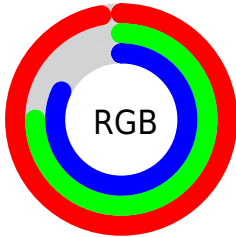
Format	Color
R _Y B	248, 192, 208
Decimal	16302288
CIE Lab	83.02, 22.42, -0.26
CIE LCh	83, 22.419, 359.334
Yxy	62.2098, 0.3461, 0.3123
Android (android.graphics.Color)	4294492368 (0xFFF8C0D0)
YUV	210.5680, -1.2660, 32.8279
Hunter-Lab	78.8732, 17.9980, 4.0599

Details

The Yxy color $62.2098, 0.3461, 0.3123$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.1622, 0.2876, 0.3464$, and the grayscale version is $64.8374, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $31.5864, 0.3543, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $51.3998, 0.3666, 0.3045$, and if you desaturate by 10%, it is $74.9577, 0.3294, 0.3200$.

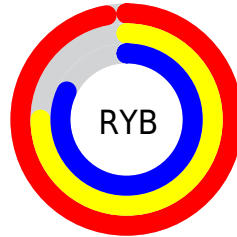
Distribution



Red (97%)

Green (75%)

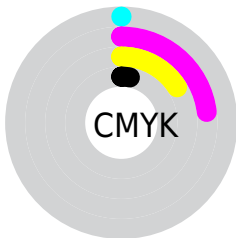
Blue (82%)



Red (97%)

Yellow (75%)

Blue (82%)

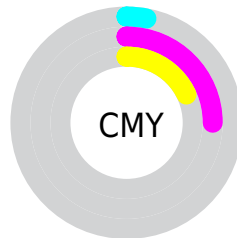


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2098, 0.3461, 0.3123 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 62.2098, 0.3461, 0.3123 by changing the saturation by 10% instead.


 62.2098, 0.3461,
0.3123

 62.2098, 0.3461,
0.3123

432.6960, 0.3302,
0.3203

 45.2022, 0.3498,
0.3104


 108.0287, 0.3405,
0.3151

 31.6168, 0.3545,
0.3081


137.6088, 0.3383,
0.3162

 21.0689, 0.3606,
0.3051


172.1486, 0.3365,
0.3171

 13.1744, 0.3686,
0.3010

212.0324, 0.3349,
0.3179

 7.5488, 0.3800,
0.2954

257.6447, 0.3335,
0.3186

 3.8076, 0.3970,
0.2870

309.3697, 0.3323,

 1.5665, 0.4253,

0.3192

0.2729

367.5920, 0.3312,
0.3198

0.3349, 0.5467,
0.2115

0.0000, 0.0000,
0.0000

62.2098, 0.3461,
0.3123

62.2098, 0.3461,
0.3123

51.3998, 0.3666,
0.3045

74.9577, 0.3294,
0.3200

42.4240, 0.3914,
0.2968

89.7234, 0.3158,
0.3272

35.1822, 0.4209,
0.2901

98.6944, 0.3084,
0.3290

29.5607, 0.4548,
0.2853

■ 25.4326, 0.4918,
0.2834

■ 22.6514, 0.5294,
0.2858

■ 21.0406, 0.5639,
0.2927

■ 20.4071, 0.5857,
0.3000

Harmonies

Analogous

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



62.2098, 0.3184, 0.2934



62.2098, 0.3461, 0.3123



62.2098, 0.3649, 0.3357

Triad

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



62.2098, 0.3461, 0.3123



62.2098, 0.3336, 0.3795



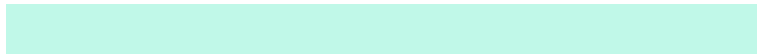
62.2098, 0.2594, 0.2961

Complementary

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



62.2098, 0.3461, 0.3123



84.1622, 0.2876, 0.3464

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.



62.2098, 0.2631, 0.3186



62.2098, 0.3461, 0.3123



62.2098, 0.3051, 0.3688

Square

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



62.2098, 0.3461, 0.3123



62.2098, 0.3572, 0.3751



62.2098, 0.2795, 0.3457



62.2098, 0.2691, 0.2837

Rectangle

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



62.2098, 0.3461, 0.3123



62.2098, 0.3694, 0.3513



62.2098, 0.2795, 0.3457



62.2098, 0.2591, 0.3027

Sweetspot

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



62.2126, 0.3461, 0.3123



88.3410, 0.3215, 0.3241



61.5024, 0.3027, 0.2705



18.7044, 0.3223, 0.3236



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.



62.2126, 0.3461, 0.3123



60.8882, 0.3548, 0.3088



66.5703, 0.3566, 0.3409



17.3067, 0.3249, 0.3222



11.0458, 0.5817, 0.2978



1.0404, 0.5480, 0.2793

Inverse Universe

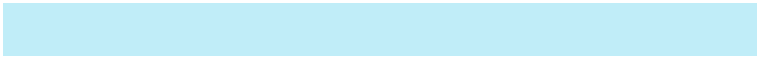
The Inverse Universe completely reimagines the original color for something new.



62.2126, 0.3461, 0.3123



60.8882, 0.3548, 0.3088



78.4333, 0.2782, 0.3167



17.3067, 0.3249, 0.3222



11.0458, 0.5817, 0.2978



1.0404, 0.5480, 0.2793

Previews

White Background



This preview shows how the Yxy color 62.2098, 0.3461, 0.3123 looks on a white background.

Color Contrast Check

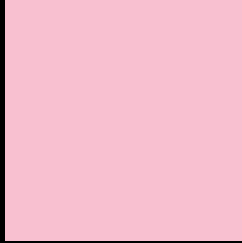
Large Text (above 18pt) WCAG AA × Fail

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 62.2098, 0.3461, 0.3123 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 62.2098, 0.3461, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 62.2098, 0.3461, 0.3123.



This preview shows how white text looks on a background with the Yxy color 62.2098, 0.3461, 0.3123.

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

62.2098, 0.3461, 0.3123

Protanopia

62.5104, 0.3073, 0.3176

Deuteranopia

62.0957, 0.3296, 0.3224



Tritanopia

62.1607, 0.3469, 0.3133

Trichromacy



Original Color

62.2098, 0.3461, 0.3123

Protanomaly

62.2654, 0.3211, 0.3157

Deuteranomaly

62.0997, 0.3356, 0.3182

Tritanomaly

62.1607, 0.3469, 0.3133

Monochromacy



Original Color

62.2098, 0.3461, 0.3123

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.6862, 0.3238, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2098, 0.3461, 0.3123 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, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(248, 192, 208)  
}
```

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, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 192, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.2098, 0.3461, 0.3123 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, 192, 208) }
```

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

```
.border{ border-color:rgb(248, 192, 208) }
```

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

Here you see how a box with a 4 pixel rgb(248, 192, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 192,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2098, 0.3461, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 192, 208) }
```

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

```
.background{ background-color: rgb(248,  
192, 208) }
```

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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