

Converting Colors

$Yxy(62.8759, 0.3853, 0.3427)$

Have a look what the booklet for
Yxy(62.8759, 0.3853, 0.3427)
contains.

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Color

Yxy(61.2612, 0.3782, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEB1
RGB	255, 190, 177
RGB Percent	100%, 75%, 69%
CMY	0.0000, 0.2549, 0.3059
CMYK	0.00, 0.25, 0.31, 0.00
HSL	10°, 100%, 85%
HSV	10°, 31%, 100%
XYZ	67.5875, 61.2612, 49.8596
YIQ	207.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

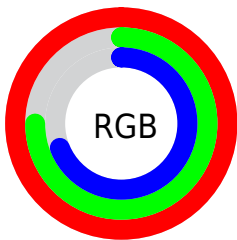
Format	Color
R _Y B	255, 193, 177
Decimal	16760497
CIE Lab	82.52, 21.63, 15.70
CIE LCh	83, 26.734, 35.976
Yxy	61.2612, 0.3782, 0.3428
Android (android.graphics.Color)	4294950577 (0xFFFFBEB1)
YUV	207.9530, -15.2598, 41.2602
Hunter-Lab	78.2695, 17.1670, 17.0195

Details

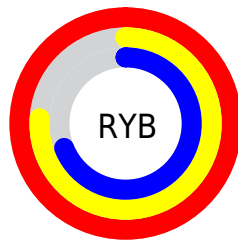
The Yxy color **61.2612, 0.3782, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0650, 0.2669, 0.3146**, and the grayscale version is **63.1261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6647, 0.3264, 0.3427**, and **30.9339, 0.3960, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **51.7968, 0.4092, 0.3474**, and if you desaturate by 10%, it is **72.2631, 0.3524, 0.3381**.

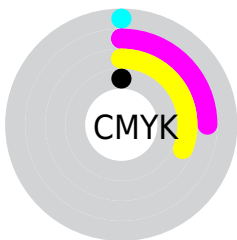
Distribution



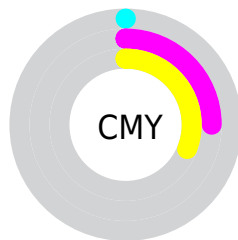
- Red (100%)
- Green (75%)
- Blue (69%)



- Red (100%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2612, 0.3782, 0.3428 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 61.2612, 0.3782, 0.3428 by changing the saturation by 10% instead.


 61.2612, 0.3782,
0.3428

 61.2612, 0.3782,
0.3428


429.2311, 0.3466,
0.3370

 44.4360, 0.3857,
0.3439


 106.6570, 0.3670,
0.3409

 31.0134, 0.3951,
0.3452


135.9965, 0.3627,
0.3402

 20.6091, 0.4073,
0.3466


170.2761, 0.3591,
0.3395

 12.8385, 0.4236,
0.3482

209.8803, 0.3559,
0.3389

 7.3175, 0.4464,
0.3496

255.1935, 0.3531,
0.3384

 3.6614, 0.4804,
0.3500

306.6001, 0.3507,

 1.4860, 0.5477,

0.3379

0.3543

364.4845, 0.3486,
0.3374

0.2789, 0.7399,
0.2601

0.0000, 0.0000,
0.0000

61.2612, 0.3782,
0.3428

61.2612, 0.3782,
0.3428

51.7968, 0.4092,
0.3474

72.2631, 0.3524,
0.3381

43.7929, 0.4456,
0.3515

84.8578, 0.3311,
0.3335

37.1786, 0.4867,
0.3544

99.1088, 0.3136,
0.3292

31.8738, 0.5300,
0.3552

99.9986, 0.3127,
0.3290

■ 27.7899, 0.5712,
0.3531

■ 24.8271, 0.6047,
0.3479

■ 22.9514, 0.6258,
0.3413

Harmonies

Analogous

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



61.2612, 0.3590, 0.3148



61.2612, 0.3782, 0.3428



61.2612, 0.3785, 0.3691

Triad

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



61.2612, 0.3782, 0.3428



61.2612, 0.2960, 0.3720



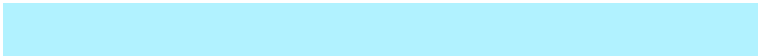
61.2612, 0.2653, 0.2737

Complementary

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



61.2612, 0.3782, 0.3428



80.0650, 0.2669, 0.3146

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.



61.2612, 0.2506, 0.2850



61.2612, 0.3782, 0.3428



61.2612, 0.2675, 0.3417

Square

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



61.2612, 0.3782, 0.3428



61.2612, 0.3300, 0.3887



61.2612, 0.2514, 0.3094



61.2612, 0.2928, 0.2762

Rectangle

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



61.2612, 0.3782, 0.3428



61.2612, 0.3682, 0.3823



61.2612, 0.2514, 0.3094



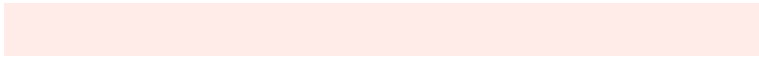
61.2612, 0.2588, 0.2759

Sweetspot

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



61.2641, 0.3782, 0.3428



87.0090, 0.3281, 0.3328



59.1156, 0.3263, 0.2643



18.2013, 0.3308, 0.3335



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.



61.2641, 0.3782, 0.3428



55.0215, 0.3975, 0.3458



80.4700, 0.3663, 0.3819



18.4763, 0.3290, 0.3330



12.1359, 0.6236, 0.3430



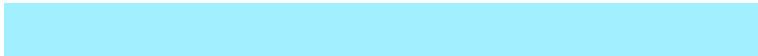
1.3126, 0.6043, 0.3583

Inverse Universe

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



80.0650, 0.2669, 0.3146



76.6508, 0.2583, 0.3112



59.2798, 0.2617, 0.2697



19.9354, 0.2980, 0.3249



28.6932, 0.2097, 0.2748



2.9245, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 61.2612, 0.3782, 0.3428 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 61.2612, 0.3782, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

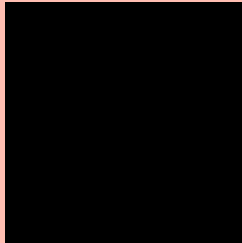
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2612, 0.3782, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 61.2612, 0.3782, 0.3428.



This preview shows how white text looks on a background with the Yxy color 61.2612, 0.3782, 0.3428.

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

61.2612, 0.3782, 0.3428

Protanopia

61.4616, 0.3343, 0.3523

Deuteranopia

61.3556, 0.3607, 0.3534



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.2612, 0.3782, 0.3428

Protanomaly

61.3440, 0.3497, 0.3493

Deuteranomaly

61.2195, 0.3674, 0.3498

Tritanomaly

61.4610, 0.3658, 0.3260

Monochromacy



Original Color

61.2612, 0.3782, 0.3428

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8121, 0.3347, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2612, 0.3782, 0.3428 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(255, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 177)  
}
```

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(255, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 177) }
```

Border

The CSS property to change the border of an element to Yxy 61.2612, 0.3782, 0.3428 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(255, 190, 177) }
```

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

```
.border{ border-color:rgb(255, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 177); box-shadow:4px 4px 4px 4px rgb(255, 190, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2612, 0.3782, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 177) }
```

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

```
.background{ background-color: rgb(255,  
190, 177) }
```

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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