

Converting Colors

Yxy(61.9814, 0.3626, 0.3417)

Have a look what the booklet for
Yxy(61.9814, 0.3626, 0.3417)
contains.

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Color

Yxy(61.9034, 0.3626, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	F5C3B8
RGB	245, 195, 184
RGB Percent	96%, 76%, 72%
CMY	0.0391, 0.2353, 0.2786
CMYK	0.00, 0.20, 0.25, 0.04
HSL	11°, 75%, 84%
HSV	11°, 25%, 96%
XYZ	65.8246, 61.9034, 53.8069
YIQ	208.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

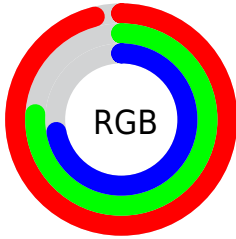
Format	Color
R_{YB}	245, 197, 184
Decimal	16106424
CIE _{Lab}	82.86, 16.24, 12.33
CIE _{LCh}	83, 20.392, 37.206
Yxy	61.9034, 0.3626, 0.3410
Android (android.graphics.Color)	4294296504 (0xFFFF5C3B8)
YUV	208.6960, -12.1751, 31.8386
Hunter-Lab	78.6787, 11.6498, 14.5277

Details

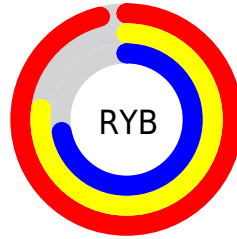
The Yxy color **61.9034, 0.3626, 0.3410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6147, 0.2749, 0.3166**, and the grayscale version is **63.6178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1721, 0.3217, 0.3406**, and **31.3798, 0.3757, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **52.5677, 0.3903, 0.3461**, and if you desaturate by 10%, it is **72.6318, 0.3396, 0.3360**.

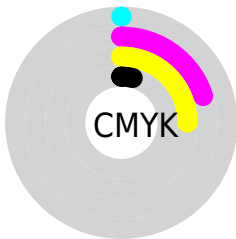
Distribution



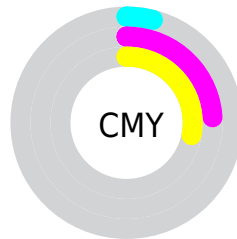
- Red (96%)
- Green (76%)
- Blue (72%)



- Red (96%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9034, 0.3626, 0.3410 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 61.9034, 0.3626, 0.3410 by changing the saturation by 10% instead.


 61.9034, 0.3626,
0.3410

 61.9034, 0.3626,
0.3410


431.5786, 0.3386,
0.3358

 44.9546, 0.3683,
0.3421

 107.5859, 0.3541,
0.3393

 31.4217, 0.3755,
0.3434

137.0884, 0.3508,
0.3386

 20.9202, 0.3847,
0.3450


171.5444, 0.3481,
0.3379

 13.0657, 0.3971,
0.3468

211.3381, 0.3457,
0.3374

 7.4738, 0.4146,
0.3490

256.8540, 0.3436,
0.3369

 3.7601, 0.4408,
0.3514

308.4764, 0.3417,

 1.5403, 0.4870,

0.3365

366.5899, 0.3401,
0.3361

0.3546

0.3168, 0.6877,
0.3123

0.0000, 0.0000,
0.0000

61.9034, 0.3626,
0.3410

61.9034, 0.3626,
0.3410

52.5677, 0.3903,
0.3461

72.6318, 0.3396,
0.3360

44.5592, 0.4232,
0.3510

84.7982, 0.3207,
0.3312

37.8196, 0.4612,
0.3549

98.1557, 0.3066,
0.3290

32.2829, 0.5029,
0.3573

■ 27.8773, 0.5454,
0.3571

■ 24.5227, 0.5837,
0.3536

■ 22.1280, 0.6127,
0.3470

■ 21.2390, 0.6234,
0.3432

Harmonies

Analogous

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



61.9034, 0.3487, 0.3192



61.9034, 0.3626, 0.3410



61.9034, 0.3624, 0.3609

Triad

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



61.9034, 0.3626, 0.3410



61.9034, 0.2992, 0.3604



61.9034, 0.2771, 0.2864

Complementary

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



61.9034, 0.3626, 0.3410



75.6147, 0.2749, 0.3166

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.



61.9034, 0.2652, 0.2951



61.9034, 0.3626, 0.3410



61.9034, 0.2775, 0.3378

Square

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



61.9034, 0.3626, 0.3410



61.9034, 0.3252, 0.3736



61.9034, 0.2653, 0.3136



61.9034, 0.2987, 0.2885

Rectangle

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



61.9034, 0.3626, 0.3410



61.9034, 0.3544, 0.3703



61.9034, 0.2653, 0.3136



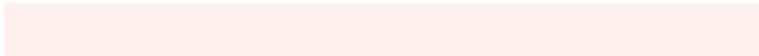
61.9034, 0.2719, 0.2881

Sweetspot

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



61.9063, 0.3626, 0.3410



89.9255, 0.3244, 0.3322



59.6715, 0.3234, 0.2766



19.0699, 0.3255, 0.3325



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.



61.9063, 0.3626, 0.3410



62.3386, 0.3762, 0.3436



76.5456, 0.3552, 0.3717



16.9669, 0.3289, 0.3333



11.5821, 0.6211, 0.3450



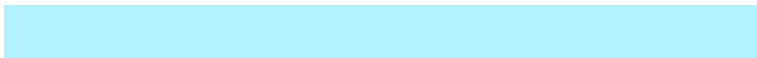
1.1495, 0.5989, 0.3627

Inverse Universe

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



75.6147, 0.2749, 0.3166



79.7559, 0.2676, 0.3137



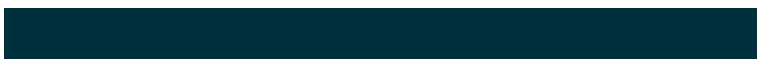
60.1161, 0.2719, 0.2823



18.2184, 0.2980, 0.3246



26.1702, 0.2084, 0.2701



2.4299, 0.2106, 0.2783

Previews

White Background



This preview shows how the Yxy color 61.9034, 0.3626, 0.3410 looks on a white background.

Color Contrast Check

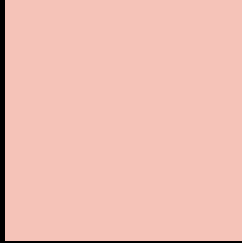
Large Text (above 18pt) WCAG AA × Fail

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 61.9034, 0.3626, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

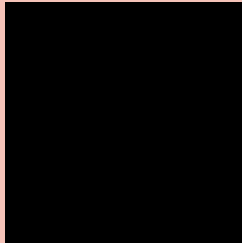
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9034, 0.3626, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 61.9034, 0.3626, 0.3410.



This preview shows how white text looks on a background with the Yxy color 61.9034, 0.3626, 0.3410.

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

61.9034, 0.3626, 0.3410

Protanopia

62.1565, 0.3304, 0.3475

Deuteranopia

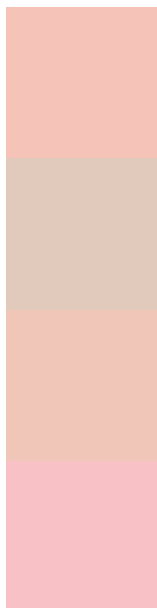
61.9279, 0.3541, 0.3468



Tritanopia

62.1120, 0.3477, 0.3144

Trichromacy



Original Color

61.9034, 0.3626, 0.3410

Protanomaly

61.8795, 0.3414, 0.3449

Deuteranomaly

62.1578, 0.3576, 0.3455

Tritanomaly

61.9913, 0.3532, 0.3238

Monochromacy



Original Color

61.9034, 0.3626, 0.3410

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8855, 0.3296, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9034, 0.3626, 0.3410 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(245, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 195, 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(245, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 195, 184) }
```

Border

The CSS property to change the border of an element to Yxy 61.9034, 0.3626, 0.3410 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(245, 195, 184) }
```

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

```
.border{ border-color:rgb(245, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 195,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9034, 0.3626, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 195, 184) }
```

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

```
.background{ background-color: rgb(245,  
195, 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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