

Converting Colors

Yxy(61.4965, 0.3499, 0.3227)

Have a look what the booklet for
Yxy(61.4965, 0.3499, 0.3227)
contains.

Yxy(61.4965, 0.3499, 0.3227)	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(61.4965, 0.3499, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F4C1C7
RGB	244, 193, 199
RGB Percent	96%, 76%, 78%
CMY	0.0432, 0.2431, 0.2196
CMYK	0.00, 0.21, 0.18, 0.04
HSL	353°, 70%, 86%
HSV	353°, 21%, 96%
XYZ	66.6800, 61.4965, 62.3922
YIQ	208.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

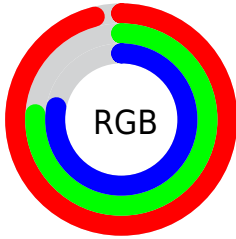
Format	Color
R_{YB}	244, 193, 199
Decimal	16040391
CIE _{Lab}	82.64, 19.09, 3.96
CIE _{LCh}	83, 19.491, 11.717
Yxy	61.4965, 0.3499, 0.3227
Android (android.graphics.Color)	4294230471 (0xFFFF4C1C7)
YUV	208.9330, -4.8970, 30.7538
Hunter-Lab	78.4197, 14.5434, 7.7216

Details

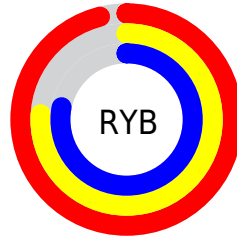
The Yxy color **61.4965, 0.3499, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1957, 0.2847, 0.3355**, and the grayscale version is **63.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.0744, 0.3597, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **50.6561, 0.3746, 0.3195**, and if you desaturate by 10%, it is **74.2632, 0.3300, 0.3258**.

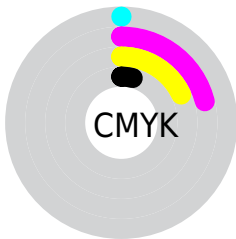
Distribution



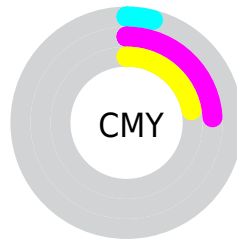
- Red (96%)
- Green (76%)
- Blue (78%)



- Red (96%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4965, 0.3499, 0.3227 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 61.4965, 0.3499, 0.3227 by changing the saturation by 10% instead.


 61.4965, 0.3499,
0.3227

 61.4965, 0.3499,
0.3227

430.0921, 0.3321,
0.3259

 44.6260, 0.3541,
0.3219


 106.9975, 0.3436,
0.3239

 31.1629, 0.3595,
0.3209


136.3968, 0.3412,
0.3243

 20.7229, 0.3663,
0.3195

170.7411, 0.3391,
0.3247

 12.9216, 0.3756,
0.3176

210.4148, 0.3373,
0.3250

 7.3746, 0.3886,
0.3148

255.8024, 0.3358,
0.3253

 3.6975, 0.4084,
0.3104


307.2882, 0.3344,

 1.5058, 0.4419,

0.3255


0.3021


365.2567, 0.3332,
0.3257


 0.2928, 0.6897,
0.2713


 0.0000, 0.0000,
0.0000


 61.4965, 0.3499,
0.3227


 61.4965, 0.3499,
0.3227


 50.6561, 0.3746,
0.3195


 74.2632, 0.3300,
0.3258

 41.6406, 0.4050,
0.3164

 89.0347, 0.3140,
0.3288

 34.3520, 0.4415,
0.3138

 97.9680, 0.3059,
0.3290

 28.6796, 0.4833,
0.3122

■ 24.5000, 0.5282,
0.3122

■ 21.6720, 0.5715,
0.3143

■ 20.0268, 0.6068,
0.3187

■ 19.3151, 0.6282,
0.3234

Harmonies

Analogous

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



61.4965, 0.3282, 0.3039



61.4965, 0.3499, 0.3227



61.4965, 0.3614, 0.3437

Triad

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



61.4965, 0.3499, 0.3227



61.4965, 0.3209, 0.3705



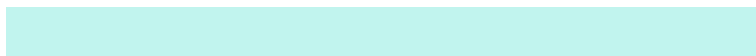
61.4965, 0.2681, 0.2946

Complementary

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



61.4965, 0.3499, 0.3227



82.1957, 0.2847, 0.3355

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.



61.4965, 0.2664, 0.3112



61.4965, 0.3499, 0.3227



61.4965, 0.2963, 0.3562

Square

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



61.4965, 0.3499, 0.3227



61.4965, 0.3441, 0.3723



61.4965, 0.2765, 0.3339



61.4965, 0.2812, 0.2877

Rectangle

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



61.4965, 0.3499, 0.3227



61.4965, 0.3614, 0.3565



61.4965, 0.2765, 0.3339



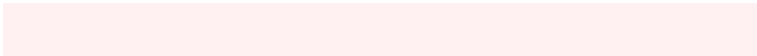
61.4965, 0.2662, 0.2992

Sweetspot

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



61.4993, 0.3499, 0.3227



89.7844, 0.3217, 0.3273



62.7125, 0.3100, 0.2762



18.9902, 0.3228, 0.3271



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.



61.4993, 0.3499, 0.3227



62.7424, 0.3596, 0.3214



70.0162, 0.3508, 0.3489



16.5142, 0.3275, 0.3262



10.5154, 0.6257, 0.3221



0.9343, 0.5994, 0.3076

Inverse Universe

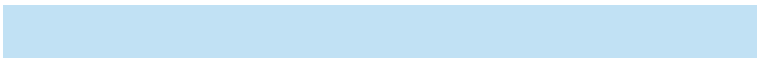
The Inverse Universe completely reimagines the original color for something new.



61.4993, 0.3499, 0.3227



62.7424, 0.3596, 0.3214



71.8759, 0.2801, 0.3082



16.5142, 0.3275, 0.3262



10.5154, 0.6257, 0.3221



0.9343, 0.5994, 0.3076

Previews

White Background



This preview shows how the Yxy color 61.4965, 0.3499, 0.3227 looks on a white background.

Color Contrast Check

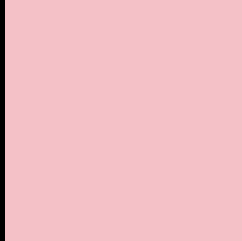
Large Text (above 18pt) WCAG AA × Fail

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 61.4965, 0.3499, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

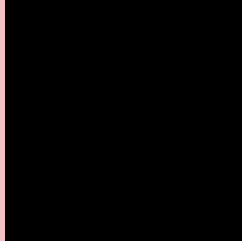
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4965, 0.3499, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 61.4965, 0.3499, 0.3227.



This preview shows how white text looks on a background with the Yxy color 61.4965, 0.3499, 0.3227.

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

61.4965, 0.3499, 0.3227

Protanopia

61.8205, 0.3158, 0.3279

Deuteranopia

61.5821, 0.3374, 0.3302



Tritanopia

61.6167, 0.3445, 0.3132

Trichromacy



Original Color

61.4965, 0.3499, 0.3227

Protanomaly

61.6147, 0.3277, 0.3268

Deuteranomaly

61.5021, 0.3418, 0.3280

Tritanomaly

61.4714, 0.3469, 0.3163

Monochromacy



Original Color

61.4965, 0.3499, 0.3227

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6492, 0.3260, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4965, 0.3499, 0.3227 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(244, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 199)  
}
```

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(244, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.4965, 0.3499, 0.3227 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(244, 193, 199) }
```

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

```
.border{ border-color:rgb(244, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4965, 0.3499, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 199) }
```

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

```
.background{ background-color: rgb(244,  
193, 199) }
```

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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