

Converting Colors

$Yxy(62.0305, 0.3177, 0.2786)$

Have a look what the booklet for
Yxy(62.0305, 0.3177, 0.2786)
contains.

Yxy(61.9362, 0.3174, 0.2784)	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(61.9362, 0.3174, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEEF
RGB	242, 190, 239
RGB Percent	95%, 75%, 94%
CMY	0.0510, 0.2549, 0.0626
CMYK	0.00, 0.21, 0.01, 0.05
HSL	303°, 67%, 85%
HSV	303°, 21%, 95%
XYZ	70.6126, 61.9362, 89.9232
YIQ	211.1340, 15.2630, 26.2630

Conversions

Conversions Part 2

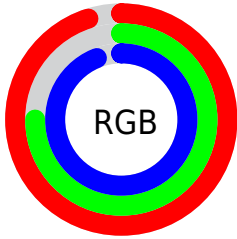
Format	Color
R_{YB}	242, 190, 239
Decimal	15908591
CIE _{Lab}	82.88, 26.64, -17.16
CIE _{LCh}	83, 31.691, 327.212
Yxy	61.9362, 0.3174, 0.2784
Android (android.graphics.Color)	4294098671 (0xFFFF2BEEF)
YUV	211.1340, 13.7379, 27.0695
Hunter-Lab	78.6996, 22.4336, -12.6559

Details

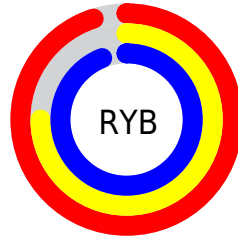
The Yxy color **61.9362, 0.3174, 0.2784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2939, 0.3082, 0.3854**, and the grayscale version is **65.1366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.3415, 0.3177, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **52.2309, 0.3199, 0.2547**, and if you desaturate by 10%, it is **73.3878, 0.3151, 0.3023**.

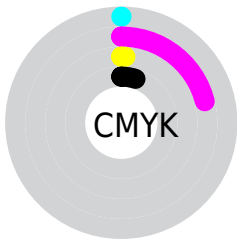
Distribution



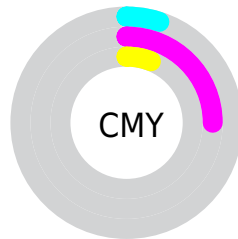
- Red (95%)
- Green (75%)
- Blue (94%)



- Red (95%)
- Yellow (75%)
- Blue (94%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9362, 0.3174, 0.2784 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 61.9362, 0.3174, 0.2784 by changing the saturation by 10% instead.


 61.9362, 0.3174,
0.2784

 61.9362, 0.3174,
0.2784


431.6983, 0.3156,
0.3015

 44.9811, 0.3177,
0.2732

 107.6333, 0.3168,
0.2863

 31.4426, 0.3181,
0.2669


137.1442, 0.3166,
0.2894

 20.9361, 0.3185,
0.2589


171.6091, 0.3164,
0.2921

 13.0773, 0.3188,
0.2486

211.4125, 0.3162,
0.2945

 7.4818, 0.3191,
0.2349

256.9387, 0.3160,
0.2965

 3.7652, 0.3191,
0.2156


308.5721, 0.3159,

 1.5431, 0.3180,

0.2984

0.1870


366.6972, 0.3157,
0.3000

 0.3188, 0.3250,
0.1081


 0.0000, 0.0000,
0.0000


 61.9362, 0.3174,
0.2784

 61.9362, 0.3174,
0.2784

 52.2309, 0.3199,
0.2547

 73.3878, 0.3151,
0.3023


 44.1779, 0.3224,
0.2320

 86.6575, 0.3130,
0.3256

 37.6868, 0.3251,
0.2112

 96.8760, 0.3114,
0.3406

 32.6552, 0.3277,
0.1934

 96.9594, 0.3107,
0.3393

■ 28.9688, 0.3301,
0.1793

■ 97.0434, 0.3099,
0.3379

■ 26.4958, 0.3324,
0.1696

■ 97.1280, 0.3091,
0.3365

■ 25.0783, 0.3344,
0.1642

■ 97.2133, 0.3083,
0.3352

■ 24.4908, 0.3359,
0.1624

■ 97.2992, 0.3075,
0.3338

■ 97.3857, 0.3068,
0.3325

Harmonies

Analogous

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



61.9362, 0.2784, 0.2650



61.9362, 0.3174, 0.2784



61.9362, 0.3574, 0.3033

Triad

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



61.9362, 0.3174, 0.2784



61.9362, 0.3770, 0.3923



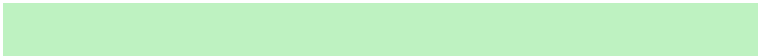
61.9362, 0.2446, 0.3160

Complementary

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



61.9362, 0.3174, 0.2784



78.2939, 0.3082, 0.3854

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.



61.9362, 0.2680, 0.3554



61.9362, 0.3174, 0.2784



61.9362, 0.3441, 0.4016

Square

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



61.9362, 0.3174, 0.2784



61.9362, 0.3928, 0.3671



61.9362, 0.3041, 0.3883



61.9362, 0.2385, 0.2838

Rectangle

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



61.9362, 0.3174, 0.2784



61.9362, 0.3783, 0.3240



61.9362, 0.3041, 0.3883



61.9362, 0.2506, 0.3289

Sweetspot

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



61.9389, 0.3174, 0.2784



90.5679, 0.3139, 0.3151



54.5251, 0.2783, 0.2694



19.1754, 0.3141, 0.3136



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.



61.9389, 0.3174, 0.2784



64.5062, 0.3185, 0.2674



60.5290, 0.3372, 0.3042



16.0150, 0.3147, 0.3070



13.1650, 0.3357, 0.1623



1.0999, 0.3335, 0.1611

Inverse Universe

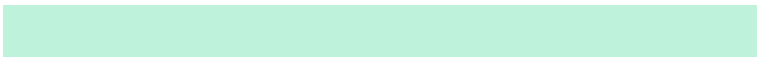
The Inverse Universe completely reimagines the original color for something new.



61.9389, 0.3174, 0.2784



64.5062, 0.3185, 0.2674



79.5389, 0.2935, 0.3553



16.0150, 0.3147, 0.3070



13.1650, 0.3357, 0.1623



1.0999, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 61.9362, 0.3174, 0.2784 looks on a white background.

Color Contrast Check

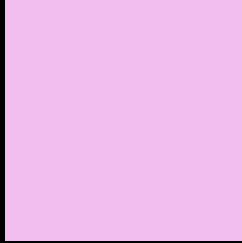
Large Text (above 18pt) WCAG AA × Fail

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 61.9362, 0.3174, 0.2784 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 61.9362, 0.3174, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 61.9362, 0.3174, 0.2784.



This preview shows how white text looks on a background with the Yxy color 61.9362, 0.3174, 0.2784.

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

61.9362, 0.3174, 0.2784

Protanopia

62.3725, 0.2782, 0.2800

Deuteranopia

61.8848, 0.2960, 0.2893



Tritanopia

61.8605, 0.3359, 0.3129

Trichromacy



Original Color

61.9362, 0.3174, 0.2784



Protanomaly

62.0473, 0.2914, 0.2800



Deuteranomaly

61.7935, 0.3034, 0.2848



Tritanomaly

61.7111, 0.3284, 0.2993

Monochromacy



Original Color

61.9362, 0.3174, 0.2784



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.4619, 0.3144, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9362, 0.3174, 0.2784 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(242, 190, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 239)  
}
```

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(242, 190, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.9362, 0.3174, 0.2784 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(242, 190, 239) }
```

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

```
.border{ border-color:rgb(242, 190, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9362, 0.3174, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 239) }
```

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

```
.background{ background-color: rgb(242,  
190, 239) }
```

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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