

Converting Colors

$Yxy(61.7748, 0.3426, 0.3241)$

Have a look what the booklet for
Yxy(61.7748, 0.3426, 0.3241)
contains.

Yxy(61.7014, 0.3420, 0.3237)	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(61.7014, 0.3420, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4C9
RGB	237, 196, 201
RGB Percent	93%, 77%, 79%
CMY	0.0708, 0.2312, 0.2118
CMYK	0.00, 0.17, 0.15, 0.07
HSL	353°, 53%, 85%
HSV	353°, 17%, 93%
XYZ	65.1896, 61.7014, 63.7219
YIQ	208.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

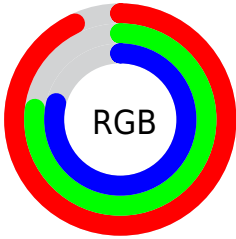
Format	Color
R _Y B	237, 196, 201
Decimal	15582409
CIE Lab	82.75, 15.28, 2.98
CIE LCh	83, 15.565, 11.019
Yxy	61.7014, 0.3420, 0.3237
Android (android.graphics.Color)	4293772489 (0xFFEDC4C9)
YUV	208.8290, -3.8597, 24.7060
Hunter-Lab	78.5502, 10.6760, 6.8877

Details

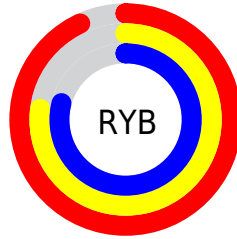
The Yxy color **61.7014, 0.3420, 0.3237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0958, 0.2895, 0.3344**, and the grayscale version is **63.6554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.2763, 0.3500, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **50.9294, 0.3647, 0.3204**, and if you desaturate by 10%, it is **74.2997, 0.3237, 0.3269**.

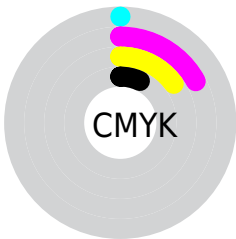
Distribution



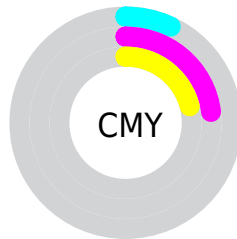
- Red (93%)
- Green (77%)
- Blue (79%)



- Red (93%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7014, 0.3420, 0.3237 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 61.7014, 0.3420, 0.3237 by changing the saturation by 10% instead.

61.7014, 0.3420,
0.3237

61.7014, 0.3420,
0.3237

430.8411, 0.3280,
0.3263

44.7915, 0.3453,
0.3230

107.2939, 0.3370,
0.3247

31.2932, 0.3495,
0.3222

136.7452, 0.3351,
0.3250

20.8222, 0.3549,
0.3211

171.1457, 0.3335,
0.3253

12.9941, 0.3621,
0.3196

210.8799, 0.3321,
0.3256

7.4245, 0.3724,
0.3174

256.3322, 0.3309,
0.3258

3.7290, 0.3879,
0.3139

307.8868, 0.3298,

1.5231, 0.4143,

0.3260

0.3076

365.9283, 0.3288,
0.3262

0.3049, 0.6071,
0.2793

0.0000, 0.0000,
0.0000

61.7014, 0.3420,
0.3237

61.7014, 0.3420,
0.3237

50.9294, 0.3647,
0.3204

74.2997, 0.3237,
0.3269

41.8911, 0.3928,
0.3172

88.7948, 0.3090,
0.3298

34.4982, 0.4268,
0.3142

96.7333, 0.3017,
0.3290

28.6515, 0.4666,
0.3121

■ 24.2410, 0.5106,
0.3114

■ 21.1420, 0.5550,
0.3127

■ 19.2087, 0.5940,
0.3163

■ 18.2518, 0.6217,
0.3217

■ 18.0804, 0.6274,
0.3230

Harmonies

Analogous

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



61.7014, 0.3247, 0.3085



61.7014, 0.3420, 0.3237



61.7014, 0.3513, 0.3406

Triad

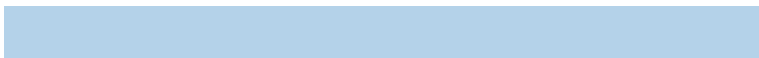
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7014, 0.3420, 0.3237



61.7014, 0.3199, 0.3620



61.7014, 0.2768, 0.3018

Complementary

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



61.7014, 0.3420, 0.3237



78.0958, 0.2895, 0.3344

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.



61.7014, 0.2756, 0.3154



61.7014, 0.3420, 0.3237



61.7014, 0.3001, 0.3509

Square

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



61.7014, 0.3420, 0.3237



61.7014, 0.3382, 0.3634



61.7014, 0.2840, 0.3335



61.7014, 0.2872, 0.2959

Rectangle

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



61.7014, 0.3420, 0.3237



61.7014, 0.3516, 0.3509



61.7014, 0.2840, 0.3335



61.7014, 0.2753, 0.3056

Sweetspot

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



61.7042, 0.3420, 0.3237



91.4323, 0.3201, 0.3275



62.6742, 0.3106, 0.2857



19.3224, 0.3212, 0.3273



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.



61.7042, 0.3420, 0.3237



67.7942, 0.3501, 0.3225



68.5837, 0.3432, 0.3453



15.0837, 0.3274, 0.3262



9.8874, 0.6248, 0.3215



0.7861, 0.5950, 0.3052

Inverse Universe

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



61.7042, 0.3420, 0.3237



67.7942, 0.3501, 0.3225



70.0599, 0.2859, 0.3122



15.0837, 0.3274, 0.3262



9.8874, 0.6248, 0.3215



0.7861, 0.5950, 0.3052

Previews

White Background



This preview shows how the Yxy color 61.7014, 0.3420, 0.3237 looks on a white background.

Color Contrast Check

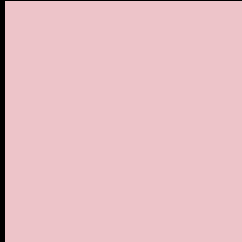
Large Text (above 18pt) WCAG AA × Fail

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 61.7014, 0.3420, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

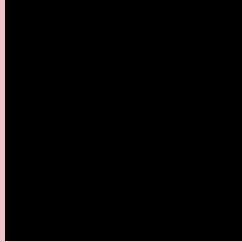
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7014, 0.3420, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 61.7014, 0.3420, 0.3237.



This preview shows how white text looks on a background with the Yxy color 61.7014, 0.3420, 0.3237.

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

61.7014, 0.3420, 0.3237

Protanopia

61.8205, 0.3158, 0.3279

Deuteranopia

61.5110, 0.3351, 0.3280



Tritanopia

61.8605, 0.3359, 0.3129

Trichromacy



Original Color

61.7014, 0.3420, 0.3237

Protanomaly

61.8163, 0.3253, 0.3268

Deuteranomaly

61.5472, 0.3376, 0.3269

Tritanomaly

61.7124, 0.3383, 0.3161

Monochromacy



Original Color

61.7014, 0.3420, 0.3237

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7020, 0.3228, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7014, 0.3420, 0.3237 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(237, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 201)  
}
```

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(237, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.7014, 0.3420, 0.3237 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(237, 196, 201) }
```

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

```
.border{ border-color:rgb(237, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7014, 0.3420, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 201) }
```

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

```
.background{ background-color: rgb(237,  
196, 201) }
```

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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