

Converting Colors

$Y_{xy}(61.7875, 0.3175, 0.2937)$

Have a look what the booklet for
Yxy(61.7875, 0.3175, 0.2937)
contains.

Yxy(61.7875, 0.3175, 0.2937)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.7875, 0.3175, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	E8C3E4
RGB	232, 195, 228
RGB Percent	91%, 76%, 89%
CMY	0.0902, 0.2353, 0.1059
CMYK	0.00, 0.16, 0.02, 0.09
HSL	307°, 45%, 84%
HSV	307°, 16%, 91%
XYZ	66.7945, 61.7875, 81.7943
YIQ	209.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

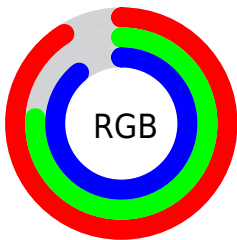
Format	Color
R _Y B	232, 195, 228
Decimal	15254500
CIE Lab	82.80, 18.67, -11.46
CIE LCh	83, 21.909, 328.447
Yxy	61.7875, 0.3175, 0.2937
Android (android.graphics.Color)	4293444580 (0xFFE8C3E4)
YUV	209.8250, 8.9603, 19.4475
Hunter-Lab	78.6050, 14.1212, -6.6721

Details

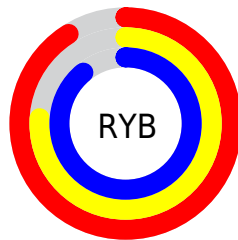
The Yxy color $61.7875, 0.3175, 0.2937$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $73.4384, 0.3082, 0.3670$, and the grayscale version is $64.2636, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $31.2970, 0.3179, 0.2845$ is the 20% darker color. If you saturate the color by 10%, you get $52.0499, 0.3210, 0.2710$, and if you desaturate by 10%, it is $73.1477, 0.3144, 0.3161$.

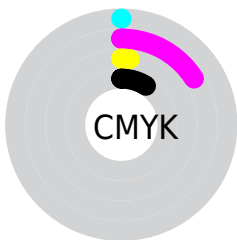
Distribution



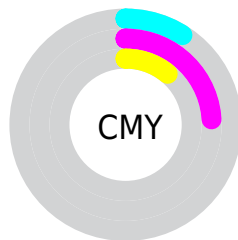
- Red (91%)
- Green (76%)
- Blue (89%)



- Red (91%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7875, 0.3175, 0.2937 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 61.7875, 0.3175, 0.2937 by changing the saturation by 10% instead.

 61.7875, 0.3175,
0.2937

 61.7875, 0.3175,
0.2937

431.1555, 0.3154,
0.3100

 44.8610, 0.3179,
0.2900


 107.4184, 0.3168,
0.2994

 31.3480, 0.3185,
0.2854


136.8915, 0.3165,
0.3016

 20.8640, 0.3191,
0.2795


171.3157, 0.3163,
0.3035

 13.0246, 0.3198,
0.2719

211.0753, 0.3161,
0.3051

 7.4455, 0.3208,
0.2615

256.5546, 0.3159,
0.3066

 3.7422, 0.3219,
0.2466

308.1382, 0.3157,

 1.5304, 0.3232,

0.3079

0.2233

366.2104, 0.3156,
0.3090

0.3100, 0.3395,
0.1403

0.0000, 0.0000,
0.0000

61.7875, 0.3175,
0.2937

61.7875, 0.3175,
0.2937

52.0499, 0.3210,
0.2710

73.1477, 0.3144,
0.3161

43.8523, 0.3248,
0.2487

86.1918, 0.3116,
0.3376

37.1174, 0.3289,
0.2276

94.7039, 0.3096,
0.3486

31.7577, 0.3331,
0.2087

94.8507, 0.3082,
0.3460

■ 27.6764, 0.3374,
0.1930

■ 94.9996, 0.3068,
0.3435

■ 24.7643, 0.3416,
0.1812

■ 95.1505, 0.3054,
0.3409

■ 22.8939, 0.3456,
0.1739

■ 95.3035, 0.3040,
0.3384

■ 21.9072, 0.3493,
0.1710

■ 95.4587, 0.3026,
0.3358

■ 21.6529, 0.3507,
0.1706

■ 95.6159, 0.3012,
0.3333

Harmonies

Analogous

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



61.7875, 0.2901, 0.2838



61.7875, 0.3175, 0.2937



61.7875, 0.3447, 0.3120

Triad

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



61.7875, 0.3175, 0.2937



61.7875, 0.3568, 0.3738



61.7875, 0.2644, 0.3196

Complementary

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



61.7875, 0.3175, 0.2937



73.4384, 0.3082, 0.3670

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.



61.7875, 0.2808, 0.3462



61.7875, 0.3175, 0.2937



61.7875, 0.3340, 0.3785

Square

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



61.7875, 0.3175, 0.2937



61.7875, 0.3679, 0.3574



61.7875, 0.3061, 0.3684



61.7875, 0.2604, 0.2973

Rectangle

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



61.7875, 0.3175, 0.2937



61.7875, 0.3586, 0.3270



61.7875, 0.3061, 0.3684



61.7875, 0.2686, 0.3284

Sweetspot

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



61.7902, 0.3175, 0.2937



92.0445, 0.3141, 0.3181



56.9626, 0.2895, 0.2865



19.4711, 0.3143, 0.3165



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.



61.7902, 0.3175, 0.2937



72.5543, 0.3186, 0.2865



60.8328, 0.3312, 0.3129



14.5869, 0.3154, 0.3083



12.0328, 0.3502, 0.1703



0.8969, 0.3453, 0.1676

Inverse Universe

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



61.7902, 0.3175, 0.2937



72.5543, 0.3186, 0.2865



74.3343, 0.2973, 0.3457



14.5869, 0.3154, 0.3083



12.0328, 0.3502, 0.1703



0.8969, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 61.7875, 0.3175, 0.2937 looks on a white background.

Color Contrast Check

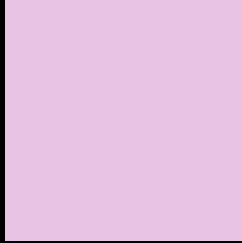
Large Text (above 18pt) WCAG AA × Fail

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 61.7875, 0.3175, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

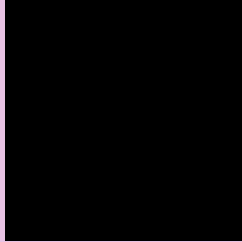
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7875, 0.3175, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 61.7875, 0.3175, 0.2937.



This preview shows how white text looks on a background with the Yxy color 61.7875, 0.3175, 0.2937.

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

61.7875, 0.3175, 0.2937

Protanopia

62.1597, 0.2909, 0.2962

Deuteranopia

62.0711, 0.3065, 0.3002



Tritanopia

62.0153, 0.3269, 0.3126

Trichromacy



Original Color

61.7875, 0.3175, 0.2937

Protanomaly

61.7456, 0.3001, 0.2946

Deuteranomaly

61.9225, 0.3103, 0.2983

Tritanomaly

61.9834, 0.3240, 0.3062

Monochromacy



Original Color

61.7875, 0.3175, 0.2937

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5778, 0.3141, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7875, 0.3175, 0.2937 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(232, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 228)  
}
```

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(232, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 228) }
```

Border

The CSS property to change the border of an element to Yxy 61.7875, 0.3175, 0.2937 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(232, 195, 228) }
```

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

```
.border{ border-color:rgb(232, 195, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7875, 0.3175, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 228) }
```

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

```
.background{ background-color: rgb(232,  
195, 228) }
```

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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