

Converting Colors

$Yxy(53.6802, 0.3168, 0.2738)$

Have a look what the booklet for
Yxy(53.6802, 0.3168, 0.2738)
contains.

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Color

Yxy(53.7037, 0.3161, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	E5B1E4
RGB	229, 177, 228
RGB Percent	90%, 69%, 89%
CMY	0.1022, 0.3058, 0.1059
CMYK	0.00, 0.23, 0.00, 0.10
HSL	301°, 50%, 80%
HSV	301°, 23%, 90%
XYZ	62.0232, 53.7037, 80.4869
YIQ	198.3620, 14.6210, 26.8850

Conversions

Conversions Part 2

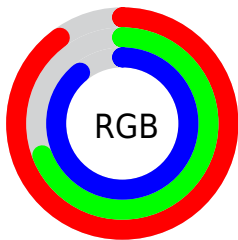
Format	Color
R _Y B	229, 177, 228
Decimal	15053284
CIE Lab	78.29, 27.27, -18.27
CIE LCh	78, 32.823, 326.179
Yxy	53.7037, 0.3161, 0.2737
Android (android.graphics.Color)	4293243364 (0xFFE5B1E4)
YUV	198.3620, 14.6115, 26.8695
Hunter-Lab	73.2828, 22.8292, -13.8205

Details

The Yxy color **53.7037, 0.3161, 0.2737** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.5706, 0.3092, 0.3913**, and the grayscale version is **56.6054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.3167, 0.3160, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **45.3826, 0.3177, 0.2494**, and if you desaturate by 10%, it is **63.5468, 0.3146, 0.2984**.

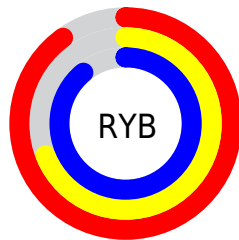
Distribution



Red (90%)

Green (69%)

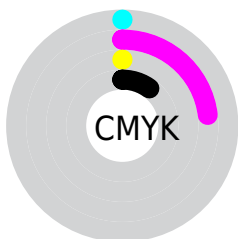
Blue (89%)



Red (90%)

Yellow (69%)

Blue (89%)

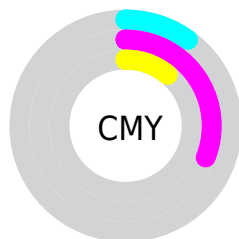


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7037, 0.3161, 0.2737 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 53.7037, 0.3161, 0.2737 by changing the saturation by 10% instead.


 53.7037, 0.3161,
0.2737

 53.7037, 0.3161,
0.2737


400.9791, 0.3150,
0.2995

 38.3648, 0.3163,
0.2678


 95.6391, 0.3158,
0.2827

 26.2660, 0.3164,
0.2605


123.0043, 0.3156,
0.2861

 17.0227, 0.3164,
0.2512


155.1472, 0.3155,
0.2891

 10.2507, 0.3164,
0.2391

192.4520, 0.3154,
0.2917

 5.5655, 0.3159,
0.2227

235.3032, 0.3153,
0.2940

 2.5827, 0.3145,
0.1991

284.0852, 0.3151,

 0.9180, 0.3105,

0.2960

0.1631

339.1824, 0.3150,
0.2978

0.0000, 0.3112,
0.0000

0.0000, 0.0000,
0.0000

53.7037, 0.3161,
0.2737

53.7037, 0.3161,
0.2737

45.3826, 0.3177,
0.2494

63.5468, 0.3146,
0.2984

38.5008, 0.3192,
0.2262


74.9752, 0.3131,
0.3227

32.9785, 0.3208,
0.2053


88.0572, 0.3117,
0.3460


28.7253, 0.3221,
0.1875

93.8629, 0.3111,
0.3548

 25.6399, 0.3233,
0.1736


 93.8865, 0.3108,
0.3544


 23.6055, 0.3244,
0.1640


 93.9101, 0.3106,
0.3539

 22.4812, 0.3251,
0.1586

 93.9338, 0.3103,
0.3535

 22.0705, 0.3256,
0.1567

 93.9575, 0.3101,
0.3531

 93.9813, 0.3099,
0.3526

Harmonies

Analogous

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



53.7037, 0.2742, 0.2597



53.7037, 0.3161, 0.2737



53.7037, 0.3599, 0.3001

Triad

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



53.7037, 0.3161, 0.2737



53.7037, 0.3832, 0.3968



53.7037, 0.2396, 0.3160

Complementary

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



53.7037, 0.3161, 0.2737



68.5706, 0.3092, 0.3913

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.



53.7037, 0.2653, 0.3592



53.7037, 0.3161, 0.2737



53.7037, 0.3479, 0.4081

Square

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



53.7037, 0.3161, 0.2737



53.7037, 0.3999, 0.3687



53.7037, 0.3046, 0.3948



53.7037, 0.2325, 0.2808

Rectangle

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



53.7037, 0.3161, 0.2737



53.7037, 0.3831, 0.3221



53.7037, 0.3046, 0.3948



53.7037, 0.2463, 0.3301

Sweetspot

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



53.7060, 0.3161, 0.2737



89.1142, 0.3137, 0.3121



46.5636, 0.2750, 0.2656



18.8836, 0.3138, 0.3107



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.



53.7060, 0.3161, 0.2737



63.5800, 0.3168, 0.2627



52.3752, 0.3373, 0.3009



14.6104, 0.3141, 0.3063



12.6283, 0.3255, 0.1567



0.9347, 0.3248, 0.1563

Inverse Universe

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



53.7060, 0.3161, 0.2737



63.5800, 0.3168, 0.2627



69.7094, 0.2936, 0.3589



14.6104, 0.3141, 0.3063



12.6283, 0.3255, 0.1567



0.9347, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 53.7037, 0.3161, 0.2737 looks on a white background.

Color Contrast Check

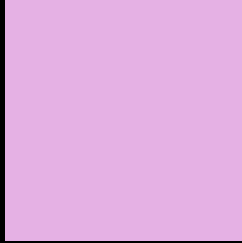
Large Text (above 18pt) WCAG AA × Fail

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 53.7037, 0.3161, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

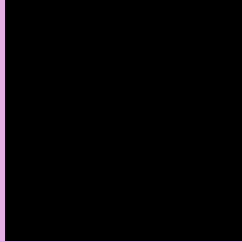
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7037, 0.3161, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 53.7037, 0.3161, 0.2737.



This preview shows how white text looks on a background with the Yxy color 53.7037, 0.3161, 0.2737.

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

53.7037, 0.3161, 0.2737

Protanopia

53.9396, 0.2742, 0.2749

Deuteranopia

53.7565, 0.2921, 0.2857



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.7037, 0.3161, 0.2737



Protanomaly

53.7605, 0.2888, 0.2751



Deuteranomaly

53.7993, 0.3006, 0.2812



Tritanomaly

53.7706, 0.3293, 0.2988

Monochromacy



Original Color

53.7037, 0.3161, 0.2737



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9857, 0.3138, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7037, 0.3161, 0.2737 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(229, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 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(229, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 228) }
```

Border

The CSS property to change the border of an element to Yxy 53.7037, 0.3161, 0.2737 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(229, 177, 228) }
```

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

```
.border{ border-color:rgb(229, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7037, 0.3161, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 228) }
```

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

```
.background{ background-color: rgb(229,  
177, 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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