

Converting Colors

Yxy(54.9228, 0.3689, 0.3336)

Have a look what the booklet for
Yxy(54.9228, 0.3689, 0.3336)
contains.

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Color

Yxy(54.9228, 0.3689, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	F1B5B1
RGB	241, 181, 177
RGB Percent	95%, 71%, 69%
CMY	0.0549, 0.2902, 0.3060
CMYK	0.00, 0.25, 0.27, 0.05
HSL	4°, 70%, 82%
HSV	4°, 27%, 95%
XYZ	60.7345, 54.9228, 48.9794
YIQ	198.4840, 37.0440, 11.4760

Conversions

Conversions Part 2

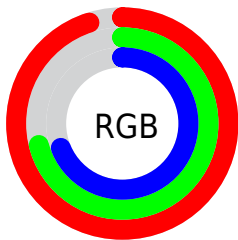
Format	Color
R _Y B	241, 181, 177
Decimal	15840689
CIE Lab	79.00, 21.19, 10.54
CIE LCh	79, 23.671, 26.453
Yxy	54.9228, 0.3689, 0.3336
Android (android.graphics.Color)	4294030769 (0xFFFF1B5B1)
YUV	198.4840, -10.5916, 37.2865
Hunter-Lab	74.1099, 16.5918, 12.6920

Details

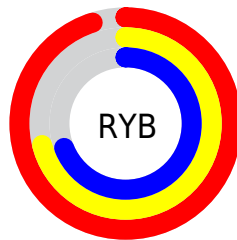
The Yxy color **54.9228, 0.3689, 0.3336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2470, 0.2734, 0.3243**, and the grayscale version is **56.8313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7116, 0.3274, 0.3330**, and **27.0839, 0.3849, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **45.5962, 0.3996, 0.3354**, and if you desaturate by 10%, it is **65.9126, 0.3439, 0.3318**.

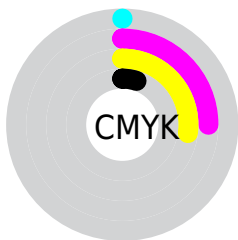
Distribution



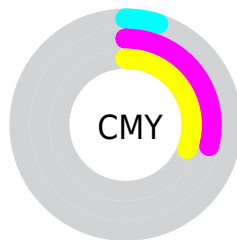
- Red (95%)
- Green (71%)
- Blue (69%)



- Red (95%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9228, 0.3689, 0.3336 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 54.9228, 0.3689, 0.3336 by changing the saturation by 10% instead.

 54.9228, 0.3689,
0.3336

 54.9228, 0.3689,
0.3336


405.6192, 0.3413,
0.3319

 39.3399, 0.3756,
0.3338


 97.4278, 0.3590,
0.3331

 27.0243, 0.3841,
0.3341


125.1188, 0.3552,
0.3329

 17.5914, 0.3953,
0.3342


157.6145, 0.3521,
0.3327

 10.6571, 0.4105,
0.3341

195.2995, 0.3493,
0.3325

 5.8367, 0.4325,
0.3334

238.5580, 0.3469,
0.3324

 2.7461, 0.4666,
0.3309

287.7746, 0.3448,

 1.0006, 0.5473,

0.3322

0.3360

343.3335, 0.3430,
0.3321

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9228, 0.3689,
0.3336

54.9228, 0.3689,
0.3336

45.5962, 0.3996,
0.3354

65.9126, 0.3439,
0.3318

37.8446, 0.4365,
0.3371

78.6330, 0.3238,
0.3301

31.5834, 0.4794,
0.3384

93.1570, 0.3075,
0.3285

26.7168, 0.5258,
0.3388

97.4419, 0.3041,
0.3290

■ 23.1379, 0.5711,
0.3382

■ 20.7244, 0.6084,
0.3362

■ 19.3301, 0.6316,
0.3333

■ 19.0488, 0.6366,
0.3327

Harmonies

Analogous

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



54.9228, 0.3468, 0.3084



54.9228, 0.3689, 0.3336



54.9228, 0.3750, 0.3590

Triad

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



54.9228, 0.3689, 0.3336



54.9228, 0.3072, 0.3748



54.9228, 0.2633, 0.2800

Complementary

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



54.9228, 0.3689, 0.3336



76.2470, 0.2734, 0.3243

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.



54.9228, 0.2541, 0.2947



54.9228, 0.3689, 0.3336



54.9228, 0.2785, 0.3502

Square

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



54.9228, 0.3689, 0.3336



54.9228, 0.3384, 0.3850



54.9228, 0.2595, 0.3202



54.9228, 0.2854, 0.2782

Rectangle

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



54.9228, 0.3689, 0.3336



54.9228, 0.3691, 0.3730



54.9228, 0.2595, 0.3202



54.9228, 0.2586, 0.2835

Sweetspot

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



54.9254, 0.3689, 0.3336



87.1600, 0.3264, 0.3303



56.2965, 0.3183, 0.2659



18.1706, 0.3293, 0.3306



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.



54.9254, 0.3689, 0.3336



56.3494, 0.3851, 0.3346



69.0575, 0.3603, 0.3669



15.9186, 0.3292, 0.3305



10.3936, 0.6355, 0.3336



0.9204, 0.6239, 0.3428

Inverse Universe

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



76.2470, 0.2734, 0.3243



84.4332, 0.2661, 0.3233



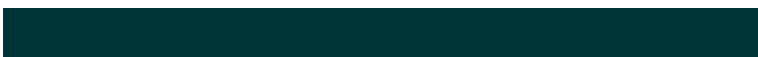
59.7352, 0.2699, 0.2878



17.7484, 0.2981, 0.3275



32.9610, 0.2192, 0.3092



2.7932, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 54.9228, 0.3689, 0.3336 looks on a white background.

Color Contrast Check

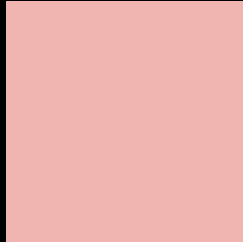
Large Text (above 18pt) WCAG AA × Fail

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 54.9228, 0.3689, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

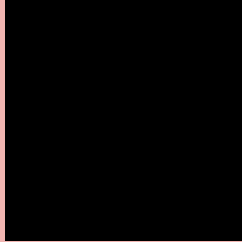
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9228, 0.3689, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 54.9228, 0.3689, 0.3336.



This preview shows how white text looks on a background with the Yxy color 54.9228, 0.3689, 0.3336.

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

54.9228, 0.3689, 0.3336

Protanopia

55.0896, 0.3259, 0.3412

Deuteranopia

55.0594, 0.3511, 0.3442



Tritanopia

55.1007, 0.3579, 0.3150

Trichromacy



Original Color

54.9228, 0.3689, 0.3336

Protanomaly

54.8032, 0.3408, 0.3385

Deuteranomaly

54.9104, 0.3579, 0.3405

Tritanomaly

55.1076, 0.3612, 0.3215

Monochromacy



Original Color

54.9228, 0.3689, 0.3336

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7131, 0.3324, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9228, 0.3689, 0.3336 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(241, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 177)  
}
```

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(241, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.9228, 0.3689, 0.3336 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(241, 181, 177) }
```

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

```
.border{ border-color:rgb(241, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9228, 0.3689, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 177) }
```

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

```
.background{ background-color: rgb(241,  
181, 177) }
```

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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