

Converting Colors

$Y_{xy}(51.0223, 0.3755, 0.3272)$

Have a look what the booklet for
Yxy(51.0223, 0.3755, 0.3272)
contains.

Yxy(50.8437, 0.3755, 0.3270)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8437, 0.3755, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F1ABAD
RGB	241, 171, 173
RGB Percent	95%, 67%, 68%
CMY	0.0548, 0.3294, 0.3217
CMYK	0.00, 0.29, 0.28, 0.05
HSL	358°, 71%, 81%
HSV	358°, 29%, 95%
XYZ	58.3847, 50.8437, 46.2569
YIQ	192.1580, 41.0780, 15.4620

Conversions

Conversions Part 2

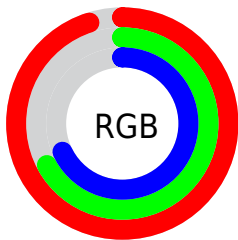
Format	Color
R _Y B	241, 171, 173
Decimal	15838125
CIE Lab	76.58, 25.96, 9.28
CIE LCh	77, 27.572, 19.665
Yxy	50.8437, 0.3755, 0.3270
Android (android.graphics.Color)	4294028205 (0xFFFF1ABAD)
YUV	192.1580, -9.4449, 42.8344
Hunter-Lab	71.3048, 21.3734, 11.4507

Details

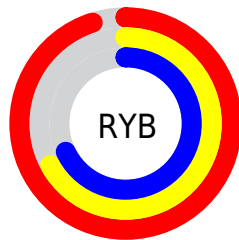
The Yxy color **50.8437, 0.3755, 0.3270** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.8167, 0.2717, 0.3311**, and the grayscale version is **52.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7996, 0.3317, 0.3281**, and **24.4046, 0.3922, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **41.7275, 0.4080, 0.3263**, and if you desaturate by 10%, it is **61.7837, 0.3492, 0.3277**.

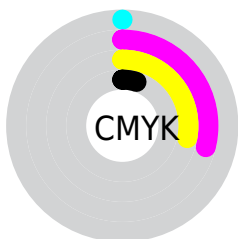
Distribution



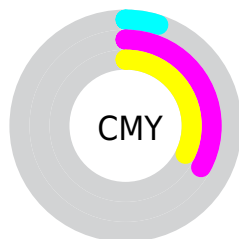
- Red (95%)
- Green (67%)
- Blue (68%)



- Red (95%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8437, 0.3755, 0.3270 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 50.8437, 0.3755, 0.3270 by changing the saturation by 10% instead.

 50.8437, 0.3755,
0.3270

 50.8437, 0.3755,
0.3270

389.9562, 0.3443,
0.3286

 36.0842, 0.3832,
0.3264


 91.4237, 0.3642,
0.3277

 24.4993, 0.3931,
0.3256

118.0130, 0.3600,
0.3280

 15.7044, 0.4061,
0.3243


149.3144, 0.3563,
0.3281

 9.3152, 0.4240,
0.3222

185.7123, 0.3533,
0.3283

 4.9473, 0.4502,
0.3185

227.5910, 0.3506,
0.3284

 2.2164, 0.4918,
0.3111

275.3349, 0.3482,

 0.7289, 0.6200,

0.3285

0.3170

329.3286, 0.3461,
0.3286

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8437, 0.3755,
0.3270

50.8437, 0.3755,
0.3270

41.7275, 0.4080,
0.3263

61.7837, 0.3492,
0.3277

34.3292, 0.4471,
0.3258

74.6315, 0.3281,
0.3284

28.5435, 0.4921,
0.3255

89.4745, 0.3113,
0.3291

24.2500, 0.5398,
0.3257

97.4448, 0.3042,
0.3290

■ 21.3120, 0.5844,
0.3264

■ 19.5674, 0.6183,
0.3276

■ 18.7741, 0.6368,
0.3288

■ 18.7196, 0.6379,
0.3288

Harmonies

Analogous

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



50.8437, 0.3455, 0.2984



50.8437, 0.3755, 0.3270



50.8437, 0.3875, 0.3576

Triad

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



50.8437, 0.3755, 0.3270



50.8437, 0.3143, 0.3890



50.8437, 0.2502, 0.2733

Complementary

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



50.8437, 0.3755, 0.3270



77.8167, 0.2717, 0.3311

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.



50.8437, 0.2432, 0.2935



50.8437, 0.3755, 0.3270



50.8437, 0.2788, 0.3623

Square

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



50.8437, 0.3755, 0.3270



50.8437, 0.3508, 0.3960



50.8437, 0.2533, 0.3261



50.8437, 0.2730, 0.2681

Rectangle

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



50.8437, 0.3755, 0.3270



50.8437, 0.3835, 0.3757



50.8437, 0.2533, 0.3261



50.8437, 0.2460, 0.2784

Sweetspot

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



50.8461, 0.3755, 0.3270



84.8673, 0.3281, 0.3284



53.7741, 0.3142, 0.2563



17.6790, 0.3308, 0.3283



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.



50.8461, 0.3755, 0.3270



51.2787, 0.3944, 0.3266



64.6771, 0.3672, 0.3646



15.7661, 0.3289, 0.3284



10.1524, 0.6371, 0.3283



0.8471, 0.6293, 0.3240

Inverse Universe

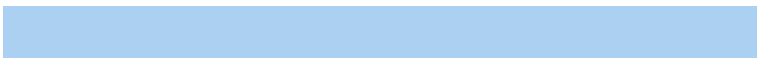
The Inverse Universe completely reimagines the original color for something new.



50.8461, 0.3755, 0.3270



51.2787, 0.3944, 0.3266



60.2901, 0.2665, 0.2905



15.7661, 0.3289, 0.3284



10.1524, 0.6371, 0.3283



0.8471, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 50.8437, 0.3755, 0.3270 looks on a white background.

Color Contrast Check

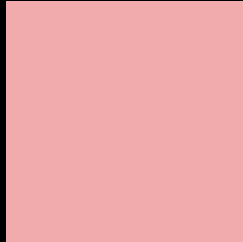
Large Text (above 18pt) WCAG AA × Fail

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 50.8437, 0.3755, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

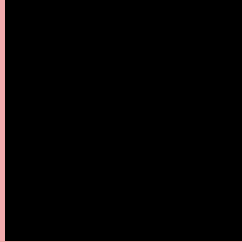
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8437, 0.3755, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 50.8437, 0.3755, 0.3270.



This preview shows how white text looks on a background with the Yxy color 50.8437, 0.3755, 0.3270.

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

50.8437, 0.3755, 0.3270

Protanopia

51.2419, 0.3223, 0.3378

Deuteranopia

51.1034, 0.3496, 0.3435



Tritanopia

51.0041, 0.3682, 0.3160

Trichromacy



Original Color

50.8437, 0.3755, 0.3270

Protanomaly

50.5595, 0.3404, 0.3327

Deuteranomaly

51.0661, 0.3587, 0.3373

Tritanomaly

50.8814, 0.3710, 0.3193

Monochromacy



Original Color

50.8437, 0.3755, 0.3270

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4854, 0.3342, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8437, 0.3755, 0.3270 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, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 173)  
}
```

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, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.8437, 0.3755, 0.3270 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, 171, 173) }
```

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

```
.border{ border-color:rgb(241, 171, 173) }
```

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

Here you see how a box with a 4 pixel rgb(241, 171, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8437, 0.3755, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 173) }
```

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

```
.background{ background-color: rgb(241,  
171, 173) }
```

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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