

Converting Colors

$Yxy(53.2641, 0.3676, 0.3237)$

Have a look what the booklet for
Yxy(53.2641, 0.3676, 0.3237)
contains.

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Color

Yxy(53.2641, 0.3676, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	F2B0B5
RGB	242, 176, 181
RGB Percent	95%, 69%, 71%
CMY	0.0509, 0.3098, 0.2903
CMYK	0.00, 0.27, 0.25, 0.05
HSL	355°, 72%, 82%
HSV	355°, 27%, 95%
XYZ	60.4877, 53.2641, 50.7959
YIQ	196.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

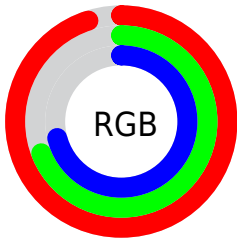
Format	Color
RYB	242, 176, 181
Decimal	15904949
CIELab	78.03, 24.77, 7.01
CIELCh	78, 25.744, 15.794
Yxy	53.2641, 0.3676, 0.3237
Android (android.graphics.Color)	4294095029 (0xFFFF2B0B5)
YUV	196.3040, -7.5449, 40.0754
Hunter-Lab	72.9823, 20.2220, 9.8216

Details

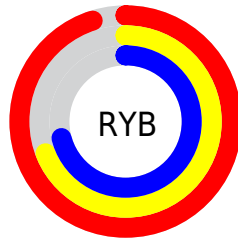
The Yxy color **53.2641, 0.3676, 0.3237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8654, 0.2755, 0.3345**, and the grayscale version is **55.4243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0877, 0.3252, 0.3241**, and **26.0387, 0.3833, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **43.7610, 0.3973, 0.3217**, and if you desaturate by 10%, it is **64.6116, 0.3436, 0.3257**.

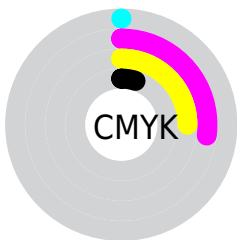
Distribution



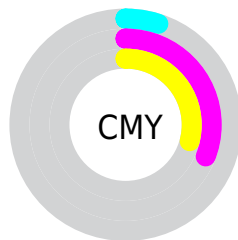
- Red (95%)
- Green (69%)
- Blue (71%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2641, 0.3676, 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 53.2641, 0.3676, 0.3237 by changing the saturation by 10% instead.


 53.2641, 0.3676,
0.3237

 53.2641, 0.3676,
0.3237


399.2975, 0.3406,
0.3267

 38.0136, 0.3742,
0.3228


 94.9929, 0.3579,
0.3249

 25.9933, 0.3826,
0.3217


122.2400, 0.3542,
0.3253

 16.8186, 0.3937,
0.3201


154.2548, 0.3511,
0.3256

 10.1052, 0.4088,
0.3176

191.4216, 0.3484,
0.3259

 5.4688, 0.4308,
0.3137

234.1249, 0.3460,
0.3262

 2.5249, 0.4654,
0.3066

282.7491, 0.3440,

 0.8890, 0.5405,

0.3264

0.2988

337.6785, 0.3422,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2641, 0.3676,
0.3237

53.2641, 0.3676,
0.3237

43.7610, 0.3973,
0.3217

64.6116, 0.3436,
0.3257

35.9978, 0.4333,
0.3200

77.8858, 0.3243,
0.3277

29.8713, 0.4754,
0.3188

93.1731, 0.3089,
0.3295

25.2641, 0.5213,
0.3186

97.6215, 0.3048,
0.3290

■ 22.0433, 0.5666,
0.3197

■ 20.0531, 0.6046,
0.3223

■ 19.0917, 0.6293,
0.3259

■ 18.9260, 0.6338,
0.3265

Harmonies

Analogous

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



53.2641, 0.3386, 0.2978



53.2641, 0.3676, 0.3237



53.2641, 0.3811, 0.3521

Triad

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



53.2641, 0.3676, 0.3237



53.2641, 0.3188, 0.3858



53.2641, 0.2533, 0.2793

Complementary

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



53.2641, 0.3676, 0.3237



78.8654, 0.2755, 0.3345

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.



53.2641, 0.2488, 0.2999



53.2641, 0.3676, 0.3237



53.2641, 0.2854, 0.3634

Square

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



53.2641, 0.3676, 0.3237



53.2641, 0.3518, 0.3900



53.2641, 0.2602, 0.3308



53.2641, 0.2727, 0.2726

Rectangle

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



53.2641, 0.3676, 0.3237



53.2641, 0.3792, 0.3693



53.2641, 0.2602, 0.3308



53.2641, 0.2500, 0.2847

Sweetspot

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



53.2666, 0.3676, 0.3237



86.5120, 0.3256, 0.3275



55.3844, 0.3115, 0.2601



18.0093, 0.3283, 0.3272



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.



53.2666, 0.3676, 0.3237



53.5113, 0.3841, 0.3225



64.9686, 0.3642, 0.3589



15.7782, 0.3281, 0.3273



10.1723, 0.6319, 0.3255



0.8529, 0.6121, 0.3146

Inverse Universe

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



53.2666, 0.3676, 0.3237



53.5113, 0.3841, 0.3225



63.9954, 0.2698, 0.2971



15.7782, 0.3281, 0.3273



10.1723, 0.6319, 0.3255



0.8529, 0.6121, 0.3146

Previews

White Background



This preview shows how the Yxy color 53.2641, 0.3676, 0.3237 looks on a white background.

Color Contrast Check

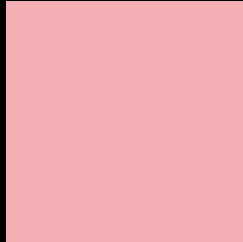
Large Text (above 18pt) WCAG AA × Fail

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 53.2641, 0.3676, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

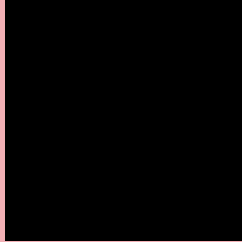
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2641, 0.3676, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 53.2641, 0.3676, 0.3237.



This preview shows how white text looks on a background with the Yxy color 53.2641, 0.3676, 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

53.2641, 0.3676, 0.3237

Protanopia

53.2873, 0.3183, 0.3315

Deuteranopia

53.5470, 0.3447, 0.3385



Tritanopia

53.3455, 0.3624, 0.3150

Trichromacy



Original Color

53.2641, 0.3676, 0.3237

Protanomaly

52.8518, 0.3348, 0.3279

Deuteranomaly

53.3310, 0.3526, 0.3326

Tritanomaly

53.2174, 0.3651, 0.3182

Monochromacy



Original Color

53.2641, 0.3676, 0.3237

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3029, 0.3311, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2641, 0.3676, 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(242, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 181)  
}
```

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(242, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.2641, 0.3676, 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(242, 176, 181) }
```

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

```
.border{ border-color:rgb(242, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 176, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 176, 181); box-shadow:4px 4px 4px 4px rgb(242, 176, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2641, 0.3676, 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(242, 176, 181) }
```

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

```
.background{ background-color: rgb(242,  
176, 181) }
```

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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