

Converting Colors

Yxy(51.8075, 0.3349, 0.3229)

Have a look what the booklet for
Yxy(51.8075, 0.3349, 0.3229)
contains.

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Color

Yxy(51.7940, 0.3353, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D6B7BC
RGB	214, 183, 188
RGB Percent	84%, 72%, 74%
CMY	0.1609, 0.2823, 0.2628
CMYK	0.00, 0.14, 0.12, 0.16
HSL	350°, 27%, 78%
HSV	350°, 14%, 84%
XYZ	53.7331, 51.7940, 54.7266
YIQ	192.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

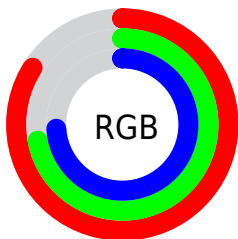
Format	Color
R _Y B	214, 183, 188
Decimal	14071740
CIE Lab	77.16, 11.89, 1.60
CIE LCh	77, 11.998, 7.661
Yxy	51.7940, 0.3353, 0.3232
Android (android.graphics.Color)	4292261820 (0xFFD6B7BC)
YUV	192.8390, -2.3856, 18.5582
Hunter-Lab	71.9680, 7.3283, 5.2918

Details

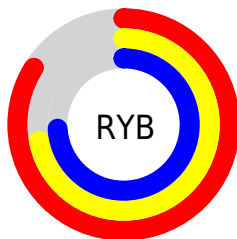
The Yxy color **51.7940, 0.3353, 0.3232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7517, 0.2940, 0.3349**, and the grayscale version is **53.2347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5247, 0.3202, 0.3242**, and **25.0855, 0.3413, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **42.9018, 0.3556, 0.3189**, and if you desaturate by 10%, it is **62.1292, 0.3190, 0.3273**.

Distribution



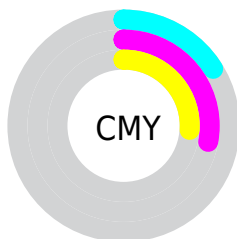
- Red (84%)
- Green (72%)
- Blue (74%)



- Red (84%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7940, 0.3353, 0.3232 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 51.7940, 0.3353, 0.3232 by changing the saturation by 10% instead.


 51.7940, 0.3353,
0.3232

 51.7940, 0.3353,
0.3232


393.6408, 0.3242,
0.3261

 36.8409, 0.3380,
0.3225


 92.8274, 0.3313,
0.3243

 25.0843, 0.3415,
0.3215


119.6764, 0.3298,
0.3247

 16.1399, 0.3461,
0.3203


151.2596, 0.3285,
0.3250

 9.6232, 0.3524,
0.3186

187.9612, 0.3274,
0.3253

 5.1499, 0.3617,
0.3160

230.1658, 0.3264,
0.3255

 2.3355, 0.3766,
0.3117

278.2577, 0.3256,

 0.7924, 0.4072,

0.3257

0.3044

332.6212, 0.3248,
0.3259

0.0000, 0.0000,
0.0000

51.7940, 0.3353,
0.3232

51.7940, 0.3353,
0.3232

42.9018, 0.3556,
0.3189

62.1292, 0.3190,
0.3273

35.3817, 0.3806,
0.3146

73.9602, 0.3058,
0.3311

29.1673, 0.4109,
0.3105

87.3460, 0.2951,
0.3345

24.1839, 0.4470,
0.3071

93.0316, 0.2883,
0.3289

20.3493, 0.4878,
0.3052

■ 17.5710, 0.5309,
0.3056

■ 15.7424, 0.5718,
0.3088

■ 14.7341, 0.6049,
0.3148

■ 14.4085, 0.6190,
0.3183

Harmonies

Analogous

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



51.7940, 0.3208, 0.3110



51.7940, 0.3353, 0.3232



51.7940, 0.3437, 0.3372

Triad

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



51.7940, 0.3353, 0.3232



51.7940, 0.3205, 0.3564



51.7940, 0.2827, 0.3078

Complementary

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



51.7940, 0.3353, 0.3232



62.7517, 0.2940, 0.3349

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.



51.7940, 0.2827, 0.3195



51.7940, 0.3353, 0.3232



51.7940, 0.3042, 0.3481

Square

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



51.7940, 0.3353, 0.3232



51.7940, 0.3350, 0.3567



51.7940, 0.2905, 0.3344



51.7940, 0.2905, 0.3020

Rectangle

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



51.7940, 0.3353, 0.3232



51.7940, 0.3446, 0.3458



51.7940, 0.2905, 0.3344



51.7940, 0.2818, 0.3111

Sweetspot

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



51.7963, 0.3353, 0.3232



93.1243, 0.3183, 0.3274



52.2563, 0.3102, 0.2930



19.6644, 0.3194, 0.3271



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.



51.7963, 0.3353, 0.3232



73.2650, 0.3404, 0.3221



56.0001, 0.3377, 0.3412



12.4529, 0.3266, 0.3253



8.7218, 0.6161, 0.3168



0.5364, 0.5723, 0.2926

Inverse Universe

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



51.7963, 0.3353, 0.3232



73.2650, 0.3404, 0.3221



57.9441, 0.2904, 0.3165



12.4529, 0.3266, 0.3253



8.7218, 0.6161, 0.3168



0.5364, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 51.7940, 0.3353, 0.3232 looks on a white background.

Color Contrast Check

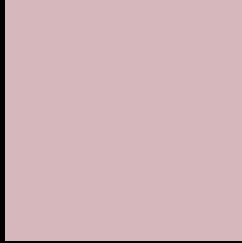
Large Text (above 18pt) WCAG AA × Fail

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 51.7940, 0.3353, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

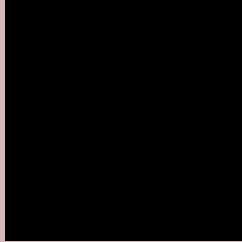
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7940, 0.3353, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 51.7940, 0.3353, 0.3232.



This preview shows how white text looks on a background with the Yxy color 51.7940, 0.3353, 0.3232.

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

51.7940, 0.3353, 0.3232

Protanopia

52.1020, 0.3145, 0.3265

Deuteranopia

51.6135, 0.3317, 0.3243



Tritanopia

51.8885, 0.3297, 0.3127

Trichromacy



Original Color

51.7940, 0.3353, 0.3232

Protanomaly

51.7197, 0.3213, 0.3242

Deuteranomaly

51.7607, 0.3326, 0.3243

Tritanomaly

51.7532, 0.3322, 0.3161

Monochromacy



Original Color

51.7940, 0.3353, 0.3232

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5743, 0.3211, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7940, 0.3353, 0.3232 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(214, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 188)  
}
```

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(214, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.7940, 0.3353, 0.3232 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(214, 183, 188) }
```

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

```
.border{ border-color:rgb(214, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7940, 0.3353, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 188) }
```

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

```
.background{ background-color: rgb(214,  
183, 188) }
```

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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