

Converting Colors

Yxy(54.8601, 0.3361, 0.3223)

Have a look what the booklet for
Yxy(54.8601, 0.3361, 0.3223)
contains.

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Color

Yxy(54.7631, 0.3366, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBC1
RGB	221, 187, 193
RGB Percent	87%, 73%, 76%
CMY	0.1334, 0.2666, 0.2432
CMYK	0.00, 0.15, 0.13, 0.13
HSL	349°, 33%, 80%
HSV	349°, 15%, 87%
XYZ	57.2106, 54.7631, 57.9925
YIQ	197.8500, 18.3380, 9.0740

Conversions

Conversions Part 2

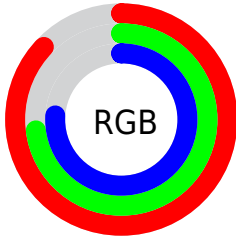
Format	Color
R _Y B	221, 187, 193
Decimal	14531521
CIE Lab	78.90, 13.09, 1.51
CIE LCh	79, 13.181, 6.577
Yxy	54.7631, 0.3366, 0.3222
Android (android.graphics.Color)	4292721601 (0xFFDDBBC1)
YUV	197.8500, -2.3910, 20.3026
Hunter-Lab	74.0021, 8.4937, 5.3383

Details

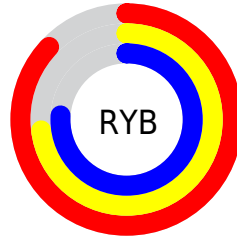
The Yxy color **54.7631, 0.3366, 0.3222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1827, 0.2931, 0.3359**, and the grayscale version is **56.3828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2007, 0.3169, 0.3232**, and **27.0506, 0.3429, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **45.3350, 0.3569, 0.3175**, and if you desaturate by 10%, it is **65.7391, 0.3202, 0.3267**.

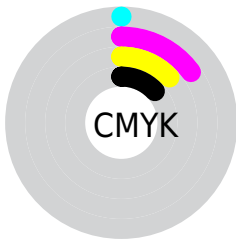
Distribution



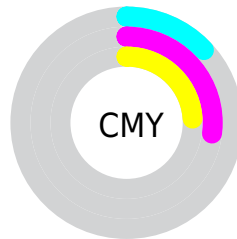
- Red (87%)
- Green (73%)
- Blue (76%)



- Red (87%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7631, 0.3366, 0.3222 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 54.7631, 0.3366, 0.3222 by changing the saturation by 10% instead.

 54.7631, 0.3366,
0.3222

 54.7631, 0.3366,
0.3222


405.0133, 0.3249,
0.3256

 39.2121, 0.3394,
0.3214


 97.1938, 0.3324,
0.3234

 26.9248, 0.3430,
0.3203


124.8422, 0.3308,
0.3239

 17.5167, 0.3477,
0.3189


157.2919, 0.3295,
0.3243

 10.6036, 0.3541,
0.3170

194.9273, 0.3283,
0.3246

 5.8009, 0.3634,
0.3142

238.1327, 0.3273,
0.3249

 2.7244, 0.3780,
0.3096

287.2926, 0.3264,

 0.9896, 0.4043,

0.3251

0.3012

342.7913, 0.3257,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7631, 0.3366,
0.3222

54.7631, 0.3366,
0.3222

45.3350, 0.3569,
0.3175

65.7391, 0.3202,
0.3267

37.3782, 0.3820,
0.3127

78.3206, 0.3069,
0.3309

30.8203, 0.4123,
0.3082

92.5714, 0.2962,
0.3347

25.5801, 0.4482,
0.3046

94.1109, 0.2923,
0.3289

■ 21.5680, 0.4887,
0.3027

■ 18.6829, 0.5313,
0.3032

■ 16.8078, 0.5716,
0.3068

■ 15.7997, 0.6040,
0.3135

■ 15.5161, 0.6159,
0.3166

Harmonies

Analogous

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



54.7631, 0.3207, 0.3092



54.7631, 0.3366, 0.3222



54.7631, 0.3460, 0.3372

Triad

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



54.7631, 0.3366, 0.3222



54.7631, 0.3217, 0.3587



54.7631, 0.2802, 0.3065

Complementary

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



54.7631, 0.3366, 0.3222



67.1827, 0.2931, 0.3359

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.



54.7631, 0.2805, 0.3193



54.7631, 0.3366, 0.3222



54.7631, 0.3041, 0.3501

Square

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



54.7631, 0.3366, 0.3222



54.7631, 0.3372, 0.3587



54.7631, 0.2892, 0.3354



54.7631, 0.2884, 0.3001

Rectangle

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



54.7631, 0.3366, 0.3222



54.7631, 0.3472, 0.3465



54.7631, 0.2892, 0.3354



54.7631, 0.2794, 0.3101

Sweetspot

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



54.7655, 0.3366, 0.3222



91.4745, 0.3197, 0.3269



55.1766, 0.3095, 0.2905



19.3326, 0.3207, 0.3265



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.



54.7655, 0.3366, 0.3222



71.9280, 0.3418, 0.3209



59.2432, 0.3396, 0.3414



13.0887, 0.3264, 0.3249



9.0259, 0.6127, 0.3149



0.5962, 0.5696, 0.2912

Inverse Universe

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



54.7655, 0.3366, 0.3222



71.9280, 0.3418, 0.3209



61.9939, 0.2890, 0.3163



13.0887, 0.3264, 0.3249



9.0259, 0.6127, 0.3149



0.5962, 0.5696, 0.2912

Previews

White Background



This preview shows how the Yxy color 54.7631, 0.3366, 0.3222 looks on a white background.

Color Contrast Check

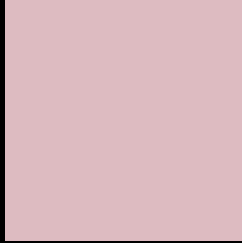
Large Text (above 18pt) WCAG AA × Fail

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 54.7631, 0.3366, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

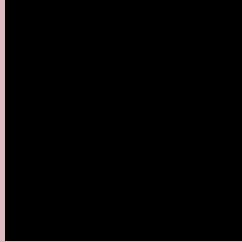
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7631, 0.3366, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 54.7631, 0.3366, 0.3222.



This preview shows how white text looks on a background with the Yxy color 54.7631, 0.3366, 0.3222.

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

54.7631, 0.3366, 0.3222

Protanopia

55.0672, 0.3136, 0.3266

Deuteranopia

54.6925, 0.3312, 0.3244



Tritanopia

54.8175, 0.3319, 0.3131

Trichromacy



Original Color

54.7631, 0.3366, 0.3222

Protanomaly

54.8066, 0.3211, 0.3243

Deuteranomaly

54.5684, 0.3331, 0.3232

Tritanomaly

54.6786, 0.3343, 0.3165

Monochromacy



Original Color

54.7631, 0.3366, 0.3222

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6909, 0.3209, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7631, 0.3366, 0.3222 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(221, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 193)  
}
```

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(221, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.7631, 0.3366, 0.3222 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(221, 187, 193) }
```

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

```
.border{ border-color:rgb(221, 187, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 187, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 187, 193); box-shadow:4px 4px 4px 4px rgb(221, 187, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7631, 0.3366, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 193) }
```

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

```
.background{ background-color: rgb(221,  
187, 193) }
```

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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