

Converting Colors

$Yxy(53.0576, 0.3453, 0.3413)$

Have a look what the booklet for
Yxy(53.0576, 0.3453, 0.3413)
contains.

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Color

Yxy(53.1223, 0.3454, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	D7BBB0
RGB	215, 187, 176
RGB Percent	84%, 73%, 69%
CMY	0.1571, 0.2666, 0.3098
CMYK	0.00, 0.13, 0.18, 0.16
HSL	17°, 33%, 77%
HSV	17°, 18%, 84%
XYZ	53.6191, 53.1223, 48.4962
YIQ	194.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

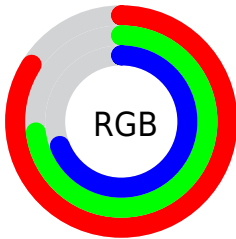
Format	Color
R _Y B	215, 191, 176
Decimal	14138288
CIE Lab	77.95, 8.20, 9.24
CIE LCh	78, 12.351, 48.431
Yxy	53.1223, 0.3454, 0.3422
Android (android.graphics.Color)	4292328368 (0xFFD7BBB0)
YUV	194.1180, -8.9322, 18.3135
Hunter-Lab	72.8850, 3.7676, 11.5692

Details

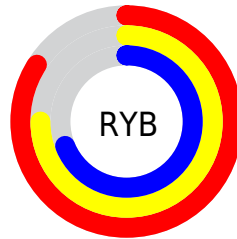
The Yxy color **53.1223, 0.3454, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2781, 0.2849, 0.3154**, and the grayscale version is **54.0652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1874, 0.3274, 0.3398**, and **25.9790, 0.3540, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **46.1487, 0.3683, 0.3500**, and if you desaturate by 10%, it is **60.9368, 0.3261, 0.3347**.

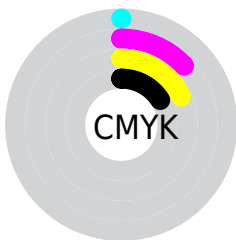
Distribution



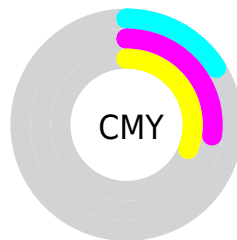
- Red (84%)
- Green (73%)
- Blue (69%)



- Red (84%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (16%)




- Cyan (16%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1223, 0.3454, 0.3422 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 53.1223, 0.3454, 0.3422 by changing the saturation by 10% instead.


 53.1223, 0.3454,
0.3422

 53.1223, 0.3454,
0.3422


398.7542, 0.3293,
0.3359

 37.9004, 0.3493,
0.3437


 94.7843, 0.3396,
0.3400

 25.9054, 0.3544,
0.3455


121.9932, 0.3374,
0.3392

 16.7529, 0.3610,
0.3478


153.9666, 0.3356,
0.3384

 10.0585, 0.3700,
0.3509

191.0888, 0.3340,
0.3378

 5.4377, 0.3832,
0.3551

233.7443, 0.3326,
0.3373

 2.5063, 0.4041,
0.3611

282.3174, 0.3314,

 0.8798, 0.4688,

0.3368

0.3922

337.1926, 0.3303,
0.3363

0.0000, 0.0000,
0.0000

53.1223, 0.3454,
0.3422

53.1223, 0.3454,
0.3422

46.1487, 0.3683,
0.3500

60.9368, 0.3261,
0.3347

39.9805, 0.3953,
0.3578

69.6120, 0.3099,
0.3277

34.5901, 0.4265,
0.3652

79.1759, 0.2963,
0.3213

29.9456, 0.4616,
0.3712

89.1962, 0.2886,
0.3224

26.0127, 0.4992,
0.3748

93.1794, 0.2888,
0.3289

■ 22.7542, 0.5367,
0.3749

■ 20.1292, 0.5706,
0.3705

■ 18.0890, 0.5973,
0.3620

■ 17.7640, 0.6019,
0.3603

Harmonies

Analogous

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



53.1223, 0.3398, 0.3282



53.1223, 0.3454, 0.3422



53.1223, 0.3420, 0.3533

Triad

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



53.1223, 0.3454, 0.3422



53.1223, 0.2985, 0.3439



53.1223, 0.2946, 0.3011

Complementary

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



53.1223, 0.3454, 0.3422



57.2781, 0.2849, 0.3154

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.



53.1223, 0.2841, 0.3044



53.1223, 0.3454, 0.3422



53.1223, 0.2863, 0.3290

Square

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



53.1223, 0.3454, 0.3422



53.1223, 0.3146, 0.3548



53.1223, 0.2811, 0.3145



53.1223, 0.3101, 0.3049

Rectangle

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



53.1223, 0.3454, 0.3422



53.1223, 0.3351, 0.3574



53.1223, 0.2811, 0.3145



53.1223, 0.2904, 0.3014

Sweetspot

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



53.1247, 0.3454, 0.3422



93.5129, 0.3208, 0.3325



49.8729, 0.3232, 0.2958



19.8261, 0.3220, 0.3330



0.0000, 0.0000, 0.0000



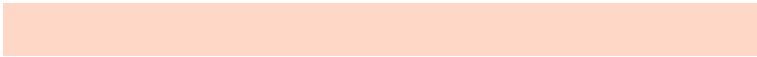
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.1247, 0.3454, 0.3422



73.8723, 0.3543, 0.3454



61.6483, 0.3416, 0.3638



12.9878, 0.3284, 0.3357



10.7870, 0.5992, 0.3624



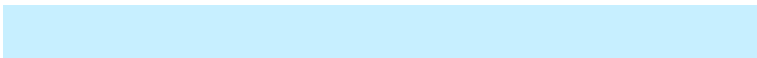
0.7909, 0.5647, 0.3898

Inverse Universe

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



57.2781, 0.2849, 0.3154



81.1465, 0.2787, 0.3120



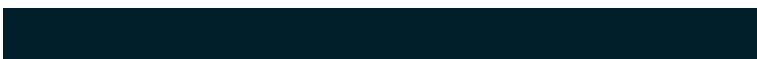
48.8644, 0.2836, 0.2916



13.4857, 0.2982, 0.3222



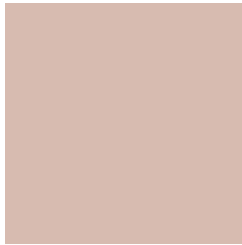
16.9671, 0.1985, 0.2347



1.1607, 0.2036, 0.2529

Previews

White Background



This preview shows how the Yxy color 53.1223, 0.3454, 0.3422 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 53.1223, 0.3454, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

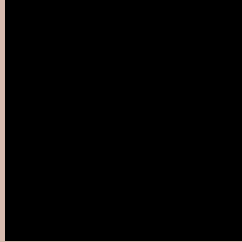
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1223, 0.3454, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 53.1223, 0.3454, 0.3422.



This preview shows how white text looks on a background with the Yxy color 53.1223, 0.3454, 0.3422.

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

53.1223, 0.3454, 0.3422

Protanopia

53.2333, 0.3293, 0.3450

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.2636, 0.3304, 0.3128

Trichromacy



Original Color

53.1223, 0.3454, 0.3422

Protanomaly

53.0204, 0.3346, 0.3437

Deuteranomaly

53.0041, 0.3474, 0.3409

Tritanomaly

53.1673, 0.3359, 0.3232

Monochromacy



Original Color

53.1223, 0.3454, 0.3422

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4060, 0.3248, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1223, 0.3454, 0.3422 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(215, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 176)  
}
```

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(215, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.1223, 0.3454, 0.3422 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(215, 187, 176) }
```

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

```
.border{ border-color:rgb(215, 187, 176) }
```

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

Here you see how a box with a 4 pixel rgb(215, 187, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1223, 0.3454, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 176) }
```

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

```
.background{ background-color: rgb(215,  
187, 176) }
```

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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