

Converting Colors

Yxy(54.4600, 0.3605, 0.3603)

Have a look what the booklet for
Yxy(54.4600, 0.3605, 0.3603)
contains.

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Color

Yxy(54.2552, 0.3601, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDA3
RGB	220, 189, 163
RGB Percent	86%, 74%, 64%
CMY	0.1374, 0.2587, 0.3607
CMYK	0.00, 0.14, 0.26, 0.14
HSL	27°, 45%, 75%
HSV	27°, 26%, 86%
XYZ	54.3155, 54.2552, 42.2639
YIQ	195.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

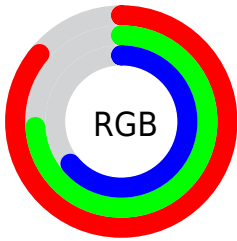
Format	Color
R _Y B	220, 211, 163
Decimal	14466467
CIE Lab	78.61, 7.12, 17.23
CIE LCh	79, 18.641, 67.553
Yxy	54.2552, 0.3601, 0.3597
Android (android.graphics.Color)	4292656547 (0xFFDCBDA3)
YUV	195.3050, -15.9264, 21.6575
Hunter-Lab	73.6581, 2.7242, 17.5410

Details

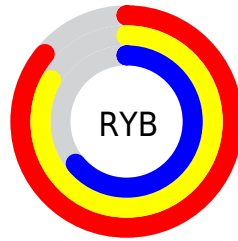
The Yxy color $54.2552, 0.3601, 0.3597$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $51.5153, 0.2719, 0.2962$, and the grayscale version is $54.8490, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.6268, 0.3359, 0.3557$, and $26.6485, 0.3727, 0.3681$ is the 20% darker color. If you saturate the color by 10%, you get $48.6043, 0.3832, 0.3722$, and if you desaturate by 10%, it is $60.4719, 0.3398, 0.3474$.

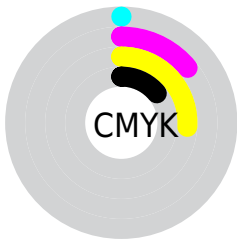
Distribution



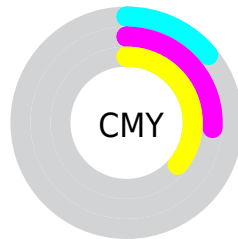
- Red (86%)
- Green (74%)
- Blue (64%)



- Red (86%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2552, 0.3601, 0.3597 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 54.2552, 0.3601, 0.3597 by changing the saturation by 10% instead.


 54.2552, 0.3601,
0.3597


 54.2552, 0.3601,
0.3597


403.0824, 0.3369,
0.3451

 38.8057, 0.3657,
0.3631


 96.4488, 0.3518,
0.3546

 26.6086, 0.3728,
0.3673


 123.9618, 0.3486,
0.3526

 17.2795, 0.3821,
0.3727


156.2647, 0.3459,
0.3509

 10.4340, 0.3947,
0.3798

193.7420, 0.3436,
0.3494

 5.6876, 0.4126,
0.3893

236.7780, 0.3416,
0.3482

 2.6561, 0.4399,
0.4024

285.7571, 0.3399,

 0.9549, 0.5359,

0.3470

0.4641

341.0638, 0.3383,
0.3460

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2552, 0.3601,
0.3597

54.2552, 0.3601,
0.3597

48.6043, 0.3832,
0.3722

60.4719, 0.3398,
0.3474

43.4946, 0.4090,
0.3842

67.2633, 0.3220,
0.3356

38.9101, 0.4372,
0.3948

74.6476, 0.3067,
0.3246

34.8314, 0.4667,
0.4030

82.6398, 0.2934,
0.3143

■ 31.2374, 0.4961,
0.4074

■ 90.0407, 0.2915,
0.3226

■ 28.1046, 0.5234,
0.4069

■ 93.9496, 0.2917,
0.3289

■ 25.4068, 0.5465,
0.4008

■ 24.4112, 0.5552,
0.3974

Harmonies

Analogous

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



54.2552, 0.3604, 0.3408



54.2552, 0.3601, 0.3597



54.2552, 0.3467, 0.3714

Triad

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



54.2552, 0.3601, 0.3597



54.2552, 0.2789, 0.3372



54.2552, 0.2996, 0.2903

Complementary

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



54.2552, 0.3601, 0.3597



51.5153, 0.2719, 0.2962

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.



54.2552, 0.2789, 0.2882



54.2552, 0.3601, 0.3597



54.2552, 0.2673, 0.3141

Square

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



54.2552, 0.3601, 0.3597



54.2552, 0.2996, 0.3588



54.2552, 0.2673, 0.2965



54.2552, 0.3247, 0.3018

Rectangle

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



54.2552, 0.3601, 0.3597



54.2552, 0.3324, 0.3729



54.2552, 0.2673, 0.2965



54.2552, 0.2920, 0.2885

Sweetspot

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



54.2577, 0.3601, 0.3597



91.8861, 0.3257, 0.3381



45.3176, 0.3381, 0.2925



19.3537, 0.3283, 0.3399



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.



54.2577, 0.3601, 0.3597



71.5051, 0.3722, 0.3664



67.5388, 0.3524, 0.3905



14.0263, 0.3280, 0.3397



14.5492, 0.5526, 0.3994



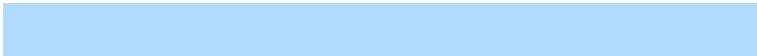
1.1135, 0.5254, 0.4210

Inverse Universe

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



51.5153, 0.2719, 0.2962



67.0546, 0.2633, 0.2883



40.1735, 0.2685, 0.2591



13.7836, 0.2982, 0.3181



11.0755, 0.1815, 0.1732



0.8891, 0.1891, 0.2008

Previews

White Background



This preview shows how the Yxy color 54.2552, 0.3601, 0.3597 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 54.2552, 0.3601, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

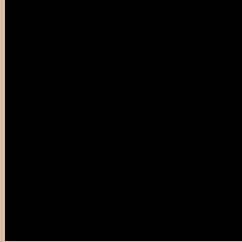
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2552, 0.3601, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 54.2552, 0.3601, 0.3597.



This preview shows how white text looks on a background with the Yxy color 54.2552, 0.3601, 0.3597.

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

54.2552, 0.3601, 0.3597

Protanopia

54.3159, 0.3434, 0.3633

Deuteranopia

54.0323, 0.3643, 0.3571



Tritanopia

54.2055, 0.3355, 0.3131

Trichromacy



Original Color

54.2552, 0.3601, 0.3597

Protanomaly

54.1175, 0.3490, 0.3617

Deuteranomaly

54.2988, 0.3631, 0.3583

Tritanomaly

54.3086, 0.3451, 0.3303

Monochromacy



Original Color

54.2552, 0.3601, 0.3597

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3962, 0.3294, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2552, 0.3601, 0.3597 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(220, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 163)  
}
```

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(220, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.2552, 0.3601, 0.3597 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(220, 189, 163) }
```

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

```
.border{ border-color:rgb(220, 189, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 163); box-shadow:4px 4px 4px 4px rgb(220, 189, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2552, 0.3601, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 163) }
```

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

```
.background{ background-color: rgb(220,  
189, 163) }
```

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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