

Converting Colors

Yxy(54.8812, 0.3426, 0.3421)

Have a look what the booklet for
Yxy(54.8812, 0.3426, 0.3421)
contains.

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Color

Yxy(54.6805, 0.3432, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	D8BEB3
RGB	216, 190, 179
RGB Percent	85%, 75%, 70%
CMY	0.1531, 0.2548, 0.2981
CMYK	0.00, 0.12, 0.17, 0.15
HSL	18°, 32%, 77%
HSV	18°, 17%, 85%
XYZ	54.8563, 54.6805, 50.3009
YIQ	196.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

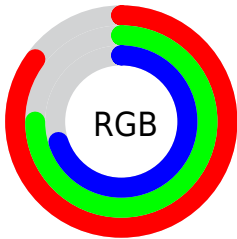
Format	Color
R _Y B	216, 195, 179
Decimal	14204595
CIE Lab	78.86, 7.43, 8.94
CIE LCh	79, 11.621, 50.271
Yxy	54.6805, 0.3432, 0.3421
Android (android.graphics.Color)	4292394675 (0xFFD8BEB3)
YUV	196.5200, -8.6374, 17.0840
Hunter-Lab	73.9463, 3.0125, 11.4312

Details

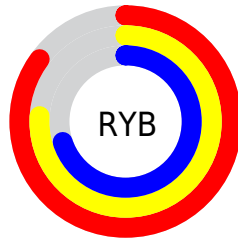
The Yxy color $54.6805, 0.3432, 0.3421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.1552, 0.2864, 0.3155$, and the grayscale version is $55.5726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1697, 0.3252, 0.3397$, and $26.9747, 0.3519, 0.3463$ is the 20% darker color. If you saturate the color by 10%, you get $47.6523, 0.3656, 0.3503$, and if you desaturate by 10%, it is $62.5321, 0.3243, 0.3343$.

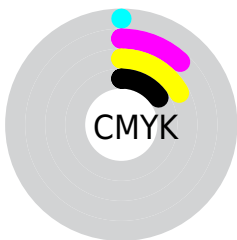
Distribution



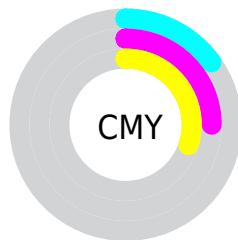
- Red (85%)
- Green (75%)
- Blue (70%)



- Red (85%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6805, 0.3432, 0.3421 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 54.6805, 0.3432, 0.3421 by changing the saturation by 10% instead.


 54.6805, 0.3432,
0.3421

 54.6805, 0.3432,
0.3421


404.6997, 0.3283,
0.3359

 39.1460, 0.3468,
0.3435


 97.0727, 0.3378,
0.3399

 26.8733, 0.3514,
0.3454


124.6991, 0.3358,
0.3391

 17.4781, 0.3575,
0.3477


157.1250, 0.3341,
0.3384

 10.5759, 0.3658,
0.3507

194.7347, 0.3326,
0.3377

 5.7825, 0.3777,
0.3549

237.9126, 0.3313,
0.3372

 2.7133, 0.3965,
0.3610

287.0432, 0.3302,

 0.9839, 0.4449,

0.3367

0.3828

342.5107, 0.3292,
0.3363

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6805, 0.3432,
0.3421

54.6805, 0.3432,
0.3421

47.6523, 0.3656,
0.3503

62.5321, 0.3243,
0.3343

41.4132, 0.3919,
0.3586

71.2256, 0.3084,
0.3270

35.9370, 0.4222,
0.3664

80.7881, 0.2950,
0.3202

31.1932, 0.4564,
0.3730

90.5574, 0.2892,
0.3244

■ 27.1494, 0.4931,
0.3772

■ 93.3313, 0.2894,
0.3289

■ 23.7703, 0.5301,
0.3779

■ 21.0171, 0.5640,
0.3741

■ 18.8452, 0.5913,
0.3658

■ 18.3154, 0.5982,
0.3632

Harmonies

Analogous

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



54.6805, 0.3385, 0.3291



54.6805, 0.3432, 0.3421



54.6805, 0.3395, 0.3521

Triad

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



54.6805, 0.3432, 0.3421



54.6805, 0.2986, 0.3421



54.6805, 0.2966, 0.3030

Complementary

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



54.6805, 0.3432, 0.3421



58.1552, 0.2864, 0.3155

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.



54.6805, 0.2864, 0.3057



54.6805, 0.3432, 0.3421



54.6805, 0.2876, 0.3281

Square

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



54.6805, 0.3432, 0.3421



54.6805, 0.3136, 0.3525



54.6805, 0.2832, 0.3148



54.6805, 0.3113, 0.3069

Rectangle

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



54.6805, 0.3432, 0.3421



54.6805, 0.3329, 0.3556



54.6805, 0.2832, 0.3148



54.6805, 0.2926, 0.3032

Sweetspot

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



54.6830, 0.3432, 0.3421



93.6330, 0.3208, 0.3327



51.2552, 0.3231, 0.2984



19.8552, 0.3220, 0.3332



0.0000, 0.0000, 0.0000



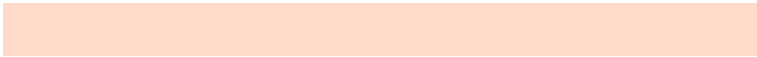
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6830, 0.3432, 0.3421



75.3542, 0.3519, 0.3454



62.9278, 0.3398, 0.3625



13.0195, 0.3284, 0.3360



11.0118, 0.5955, 0.3654



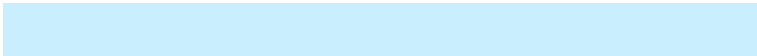
0.8077, 0.5611, 0.3927

Inverse Universe

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



58.1552, 0.2864, 0.3155



81.4354, 0.2801, 0.3120



50.0742, 0.2853, 0.2931



13.4523, 0.2982, 0.3219



16.3232, 0.1970, 0.2292



1.1260, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 54.6805, 0.3432, 0.3421 looks on a white background.

Color Contrast Check

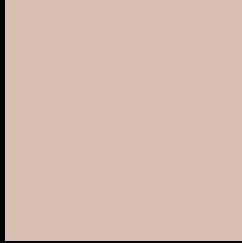
Large Text (above 18pt) WCAG AA × Fail

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 54.6805, 0.3432, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

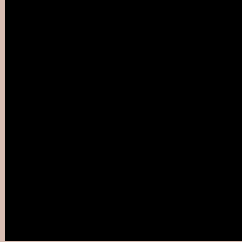
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6805, 0.3432, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 54.6805, 0.3432, 0.3421.



This preview shows how white text looks on a background with the Yxy color 54.6805, 0.3432, 0.3421.

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

54.6805, 0.3432, 0.3421

Protanopia

54.9230, 0.3290, 0.3461

Deuteranopia

54.4368, 0.3471, 0.3396



Tritanopia

54.8178, 0.3284, 0.3130

Trichromacy



Original Color

54.6805, 0.3432, 0.3421

Protanomaly

54.7006, 0.3343, 0.3447

Deuteranomaly

54.7099, 0.3460, 0.3408

Tritanomaly

54.7221, 0.3339, 0.3233

Monochromacy



Original Color

54.6805, 0.3432, 0.3421

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1386, 0.3238, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6805, 0.3432, 0.3421 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(216, 190, 179)` looks like.

```
.text, #text, p{  
  color:rgb(216, 190, 179)  
}
```

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(216, 190, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.6805, 0.3432, 0.3421 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(216, 190, 179) }
```

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

```
.border{ border-color:rgb(216, 190, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 179);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6805, 0.3432, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 179) }
```

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

```
.background{ background-color: rgb(216,  
190, 179) }
```

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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