

Converting Colors

Yxy(54.4420, 0.3313, 0.3430)

Have a look what the booklet for
Yxy(54.4420, 0.3313, 0.3430)
contains.

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Color

Yxy(54.4553, 0.3318, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	CDC1B5
RGB	205, 193, 181
RGB Percent	80%, 76%, 71%
CMY	0.1961, 0.2431, 0.2903
CMYK	0.00, 0.06, 0.12, 0.20
HSL	30°, 19%, 76%
HSV	30°, 12%, 80%
XYZ	52.5852, 54.4553, 51.4441
YIQ	195.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

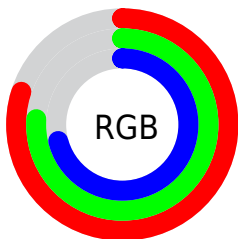
Format	Color
R _Y B	205, 205, 181
Decimal	13484469
CIE Lab	78.73, 2.16, 7.55
CIE LCh	79, 7.854, 74.011
Yxy	54.4553, 0.3318, 0.3436
Android (android.graphics.Color)	4291674549 (0xFFCDC1B5)
YUV	195.2200, -7.0105, 8.5771
Hunter-Lab	73.7938, -1.9408, 10.3227

Details

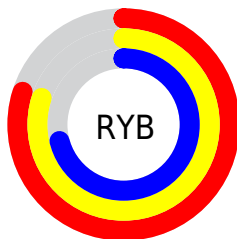
The Yxy color **54.4553, 0.3318, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3565, 0.2946, 0.3140**, and the grayscale version is **54.7493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1258, 0.3237, 0.3407**, and **26.8940, 0.3374, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **49.3074, 0.3506, 0.3568**, and if you desaturate by 10%, it is **60.0450, 0.3153, 0.3311**.

Distribution



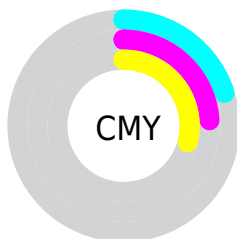
- Red (80%)
- Green (76%)
- Blue (71%)



- Red (80%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4553, 0.3318, 0.3436 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 54.4553, 0.3318, 0.3436 by changing the saturation by 10% instead.


 54.4553, 0.3318,
0.3436

 54.4553, 0.3318,
0.3436


403.8438, 0.3225,
0.3365

 38.9658, 0.3341,
0.3453

 96.7424, 0.3285,
0.3411

 26.7331, 0.3369,
0.3474


124.3088, 0.3272,
0.3401

 17.3729, 0.3407,
0.3502


156.6696, 0.3261,
0.3393

 10.5007, 0.3458,
0.3540

194.2093, 0.3252,
0.3386

 5.7322, 0.3533,
0.3594

237.3121, 0.3244,
0.3380

 2.6829, 0.3649,
0.3678

286.3626, 0.3237,

 0.9685, 0.3958,

0.3374

0.3921

341.7450, 0.3230,
0.3370

0.0000, 0.0000,
0.0000

54.4553, 0.3318,
0.3436

54.4553, 0.3318,
0.3436

49.3074, 0.3506,
0.3568

60.0450, 0.3153,
0.3311

44.5824, 0.3718,
0.3703

66.0805, 0.3010,
0.3194

40.2704, 0.3954,
0.3836

72.5749, 0.2884,
0.3085

36.3585, 0.4212,
0.3960

79.0137, 0.2819,
0.3066

32.8329, 0.4484,
0.4065

85.0089, 0.2826,
0.3176

■ 29.6787, 0.4758,
0.4137

■ 91.3462, 0.2832,
0.3283

■ 26.8795, 0.5019,
0.4164

■ 91.7190, 0.2833,
0.3289

■ 24.4170, 0.5250,
0.4138

■ 22.6107, 0.5415,
0.4082

Harmonies

Analogous

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



54.4553, 0.3331, 0.3363



54.4553, 0.3318, 0.3436



54.4553, 0.3254, 0.3471

Triad

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



54.4553, 0.3318, 0.3436



54.4553, 0.2969, 0.3305



54.4553, 0.3096, 0.3130

Complementary

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



54.4553, 0.3318, 0.3436



52.3565, 0.2946, 0.3140

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.



54.4553, 0.3000, 0.3113



54.4553, 0.3318, 0.3436



54.4553, 0.2928, 0.3212

Square

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



54.4553, 0.3318, 0.3436



54.4553, 0.3052, 0.3396



54.4553, 0.2939, 0.3142



54.4553, 0.3201, 0.3188

Rectangle

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



54.4553, 0.3318, 0.3436



54.4553, 0.3191, 0.3468



54.4553, 0.2939, 0.3142



54.4553, 0.3062, 0.3119

Sweetspot

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



54.4577, 0.3318, 0.3436



96.1542, 0.3190, 0.3339



49.8685, 0.3237, 0.3145



20.4290, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



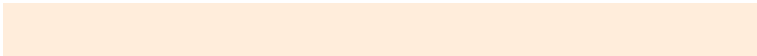
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4577, 0.3318, 0.3436



87.0611, 0.3362, 0.3468



59.9765, 0.3301, 0.3577



12.1263, 0.3278, 0.3406



14.2665, 0.5393, 0.4100



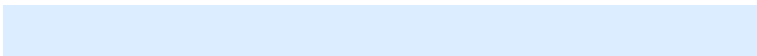
0.8878, 0.5097, 0.4335

Inverse Universe

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



52.3565, 0.2946, 0.3140



82.9663, 0.2907, 0.3105



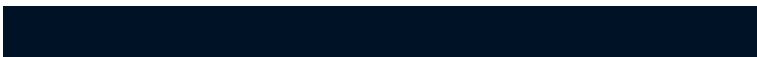
47.2689, 0.2943, 0.2986



11.7538, 0.2983, 0.3171



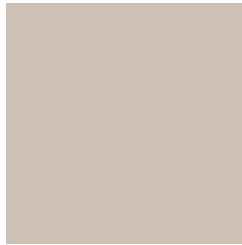
8.8924, 0.1775, 0.1589



0.6106, 0.1873, 0.1944

Previews

White Background



This preview shows how the Yxy color 54.4553, 0.3318, 0.3436 looks on a white background.

Color Contrast Check

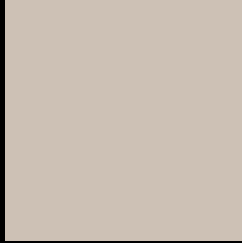
Large Text (above 18pt) WCAG AA × Fail

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 54.4553, 0.3318, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

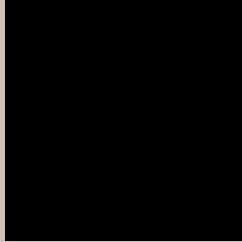
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4553, 0.3318, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 54.4553, 0.3318, 0.3436.



This preview shows how white text looks on a background with the Yxy color 54.4553, 0.3318, 0.3436.

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

54.4553, 0.3318, 0.3436

Protanopia

54.3785, 0.3275, 0.3437

Deuteranopia

54.2493, 0.3429, 0.3361



Tritanopia

54.5964, 0.3167, 0.3126

Trichromacy



Original Color

54.4553, 0.3318, 0.3436

Protanomaly

54.5175, 0.3284, 0.3436

Deuteranomaly

54.3504, 0.3382, 0.3386

Tritanomaly

54.5125, 0.3220, 0.3231

Monochromacy



Original Color

54.4553, 0.3318, 0.3436

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4434, 0.3198, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4553, 0.3318, 0.3436 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(205, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 181)  
}
```

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(205, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 181) }
```

Border

The CSS property to change the border of an element to Yxy 54.4553, 0.3318, 0.3436 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(205, 193, 181) }
```

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

```
.border{ border-color:rgb(205, 193, 181) }
```

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

Here you see how a box with a 4 pixel rgb(205, 193, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4553, 0.3318, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 181) }
```

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

```
.background{ background-color: rgb(205,  
193, 181) }
```

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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