

Converting Colors

Yxy(54.3736, 0.3472, 0.3600)

Have a look what the booklet for
Yxy(54.3736, 0.3472, 0.3600)
contains.

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Color

Yxy(54.6316, 0.3472, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	D2C1A7
RGB	210, 193, 167
RGB Percent	82%, 76%, 65%
CMY	0.1763, 0.2432, 0.3451
CMYK	0.00, 0.08, 0.20, 0.18
HSL	36°, 32%, 74%
HSV	36°, 20%, 82%
XYZ	52.6307, 54.6316, 44.3238
YIQ	195.1190, 18.4780, -4.4820

Conversions

Conversions Part 2

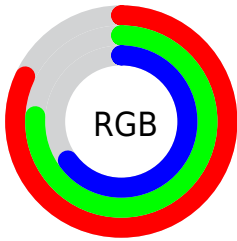
Format	Color
RYB	195, 210, 167
Decimal	13812135
CIELab	78.83, 1.84, 15.27
CIELCh	79, 15.383, 83.125
Yxy	54.6316, 0.3472, 0.3604
Android (android.graphics.Color)	4292002215 (0xFFD2C1A7)
YUV	195.1190, -13.8627, 13.0506
Hunter-Lab	73.9132, -2.2453, 16.1846

Details

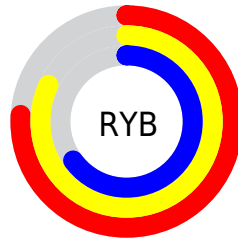
The Yxy color **54.6316, 0.3472, 0.3604** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.1647, 0.2801, 0.2955**, and the grayscale version is **54.7272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2853, 0.3329, 0.3555**, and **26.9625, 0.3560, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **50.3451, 0.3669, 0.3765**, and if you desaturate by 10%, it is **59.2559, 0.3294, 0.3447**.

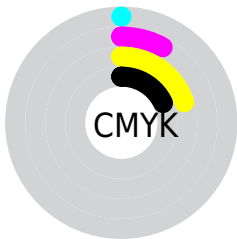
Distribution



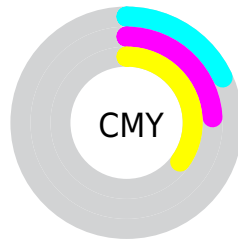
- Red (82%)
- Green (76%)
- Blue (65%)



- Red (76%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6316, 0.3472, 0.3604 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 54.6316, 0.3472, 0.3604 by changing the saturation by 10% instead.


 54.6316, 0.3472,
0.3604


 54.6316, 0.3472,
0.3604


404.5139, 0.3304,
0.3452

 39.1068, 0.3513,
0.3640


 97.0010, 0.3412,
0.3550

 26.8429, 0.3564,
0.3686

 124.6144, 0.3389,
0.3529

 17.4552, 0.3631,
0.3745

157.0262, 0.3370,
0.3512

 10.5596, 0.3721,
0.3825

194.6207, 0.3353,
0.3497

 5.7715, 0.3849,
0.3936

237.7823, 0.3338,
0.3483

 2.7067, 0.4045,
0.4103

286.8955, 0.3325,

 0.9806, 0.5001,

0.3472

0.4999

342.3445, 0.3314,
0.3461

0.0000, 0.0000,
0.0000

54.6316, 0.3472,
0.3604

54.6316, 0.3472,
0.3604

50.3451, 0.3669,
0.3765

59.2559, 0.3294,
0.3447

46.3798, 0.3882,
0.3924

64.2197, 0.3135,
0.3297

42.7278, 0.4109,
0.4074

69.5340, 0.2993,
0.3157

39.3787, 0.4341,
0.4203

75.2068, 0.2868,
0.3026

36.3205, 0.4570,
0.4301

80.1018, 0.2850,
0.3075

■ 33.5404, 0.4783,
0.4356

■ 84.9645, 0.2854,
0.3163

■ 31.0237, 0.4968,
0.4360

■ 90.0527, 0.2859,
0.3250

■ 28.8537, 0.5115,
0.4320

■ 92.4475, 0.2861,
0.3289

Harmonies

Analogous

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



54.6316, 0.3532, 0.3475



54.6316, 0.3472, 0.3604



54.6316, 0.3319, 0.3651

Triad

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



54.6316, 0.3472, 0.3604



54.6316, 0.2786, 0.3258



54.6316, 0.3127, 0.3010

Complementary

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



54.6316, 0.3472, 0.3604



47.1647, 0.2801, 0.2955

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.



54.6316, 0.2930, 0.2950



54.6316, 0.3472, 0.3604



54.6316, 0.2738, 0.3085

Square

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



54.6316, 0.3472, 0.3604



54.6316, 0.2923, 0.3448



54.6316, 0.2790, 0.2975



54.6316, 0.3329, 0.3138

Rectangle

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



54.6316, 0.3472, 0.3604



54.6316, 0.3186, 0.3625



54.6316, 0.2790, 0.2975



54.6316, 0.3058, 0.2981

Sweetspot

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



54.6341, 0.3472, 0.3604



95.2489, 0.3221, 0.3380



44.8100, 0.3375, 0.3082



20.2790, 0.3232, 0.3390



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.



54.6341, 0.3472, 0.3604



81.4916, 0.3564, 0.3681



61.9863, 0.3400, 0.3803



12.9792, 0.3276, 0.3430



17.7941, 0.5098, 0.4334



1.1475, 0.4889, 0.4500

Inverse Universe

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



47.1647, 0.2801, 0.2955



67.6930, 0.2721, 0.2865



40.9791, 0.2821, 0.2732



12.1747, 0.2982, 0.3146



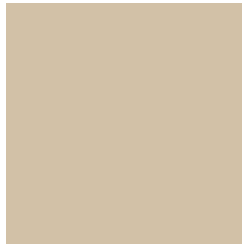
6.8098, 0.1684, 0.1263



0.5339, 0.1787, 0.1633

Previews

White Background



This preview shows how the Yxy color 54.6316, 0.3472, 0.3604 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 54.6316, 0.3472, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

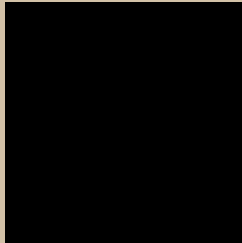
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6316, 0.3472, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 54.6316, 0.3472, 0.3604.



This preview shows how white text looks on a background with the Yxy color 54.6316, 0.3472, 0.3604.

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

54.6316, 0.3472, 0.3604

Protanopia

54.8365, 0.3417, 0.3620

Deuteranopia

54.6409, 0.3597, 0.3523



Tritanopia

54.7253, 0.3234, 0.3117

Trichromacy



Original Color

54.6316, 0.3472, 0.3604

Protanomaly

54.6761, 0.3436, 0.3606

Deuteranomaly

54.7141, 0.3549, 0.3550

Tritanomaly

54.6908, 0.3318, 0.3291

Monochromacy



Original Color

54.6316, 0.3472, 0.3604

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3657, 0.3244, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6316, 0.3472, 0.3604 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(210, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 167)  
}
```

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(210, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 167) }
```

Border

The CSS property to change the border of an element to Yxy 54.6316, 0.3472, 0.3604 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(210, 193, 167) }
```

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

```
.border{ border-color:rgb(210, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6316, 0.3472, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 167) }
```

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

```
.background{ background-color: rgb(210,  
193, 167) }
```

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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