

Converting Colors

Yxy(56.6257, 0.3495, 0.3570)

Have a look what the booklet for
Yxy(56.6257, 0.3495, 0.3570)
contains.

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Color

Yxy(56.7222, 0.3495, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	D9C3AB
RGB	217, 195, 171
RGB Percent	85%, 76%, 67%
CMY	0.1490, 0.2353, 0.3295
CMYK	0.00, 0.10, 0.21, 0.15
HSL	31°, 38%, 76%
HSV	31°, 21%, 85%
XYZ	55.4839, 56.7222, 46.5462
YIQ	198.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

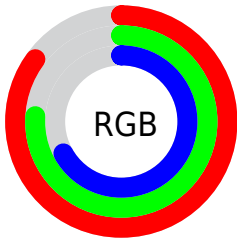
Format	Color
R_{YB}	213, 217, 171
Decimal	14271403
CIE _{Lab}	80.02, 3.98, 14.89
CIE _{LCh}	80, 15.418, 75.031
Yxy	56.7222, 0.3495, 0.3573
Android (android.graphics.Color)	4292461483 (0xFFD9C3AB)
YUV	198.8420, -13.7261, 15.9246
Hunter-Lab	75.3141, -0.2988, 16.0771

Details

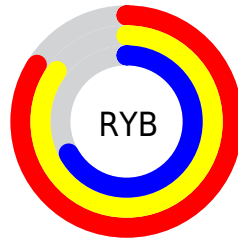
The Yxy color **56.7222, 0.3495, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8103, 0.2792, 0.2989**, and the grayscale version is **57.0896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3718, 0.3301, 0.3543**, and **28.0630, 0.3594, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **51.4726, 0.3704, 0.3714**, and if you desaturate by 10%, it is **62.4362, 0.3309, 0.3436**.

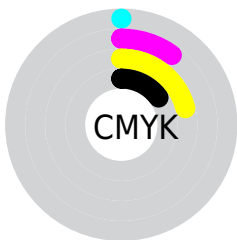
Distribution



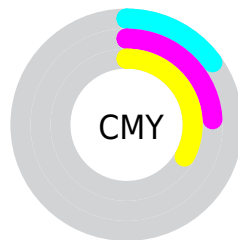
- Red (85%)
- Green (76%)
- Blue (67%)



- Red (84%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7222, 0.3495, 0.3573 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 56.7222, 0.3495, 0.3573 by changing the saturation by 10% instead.


 56.7222, 0.3495,
0.3573

 56.7222, 0.3495,
0.3573


412.4075, 0.3317,
0.3438

 40.7822, 0.3538,
0.3605


 100.0597, 0.3431,
0.3525

 28.1490, 0.3592,
0.3645


128.2261, 0.3407,
0.3507

 18.4380, 0.3662,
0.3696


161.2367, 0.3386,
0.3491

 11.2649, 0.3757,
0.3764

199.4760, 0.3369,
0.3478

 6.2453, 0.3892,
0.3857

243.3283, 0.3353,
0.3466

 2.9948, 0.4096,
0.3994

293.1781, 0.3339,

 1.1290, 0.4790,

0.3455

0.4539

349.4097, 0.3327,
0.3446

0.0026, 0.9750,
0.0250

0.0000, 0.0000,
0.0000

56.7222, 0.3495,
0.3573

56.7222, 0.3495,
0.3573

51.4726, 0.3704,
0.3714

62.4362, 0.3309,
0.3436

46.6666, 0.3936,
0.3853

68.6195, 0.3146,
0.3305

42.2928, 0.4188,
0.3983

75.2866, 0.3002,
0.3183

38.3364, 0.4452,
0.4093

82.2674, 0.2893,
0.3098

■ 34.7814, 0.4718,
0.4171

■ 88.4377, 0.2897,
0.3207

■ 31.6103, 0.4970,
0.4204

■ 93.4944, 0.2900,
0.3289

■ 28.8031, 0.5192,
0.4184

■ 26.6115, 0.5358,
0.4127

Harmonies

Analogous

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



56.7222, 0.3525, 0.3431



56.7222, 0.3495, 0.3573



56.7222, 0.3365, 0.3645

Triad

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



56.7222, 0.3495, 0.3573



56.7222, 0.2819, 0.3310



56.7222, 0.3071, 0.2989

Complementary

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



56.7222, 0.3495, 0.3573



51.8103, 0.2792, 0.2989

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.



56.7222, 0.2887, 0.2951



56.7222, 0.3495, 0.3573



56.7222, 0.2745, 0.3129

Square

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



56.7222, 0.3495, 0.3573



56.7222, 0.2974, 0.3492



56.7222, 0.2770, 0.3000



56.7222, 0.3276, 0.3100

Rectangle

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



56.7222, 0.3495, 0.3573



56.7222, 0.3240, 0.3638



56.7222, 0.2770, 0.3000



56.7222, 0.3005, 0.2967

Sweetspot

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



56.7248, 0.3495, 0.3573



94.4725, 0.3222, 0.3368



47.7371, 0.3353, 0.3029



20.0955, 0.3233, 0.3376



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.



56.7248, 0.3495, 0.3573



78.6162, 0.3576, 0.3629



67.2118, 0.3439, 0.3817



14.1698, 0.3279, 0.3412



16.3194, 0.5337, 0.4144



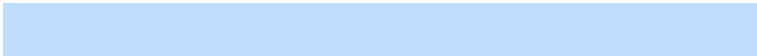
1.2295, 0.5101, 0.4332

Inverse Universe

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



51.8103, 0.2792, 0.2989



70.4356, 0.2726, 0.2925



42.8756, 0.2778, 0.2704



13.6397, 0.2982, 0.3165



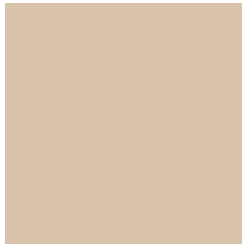
9.2106, 0.1754, 0.1514



0.7686, 0.1838, 0.1818

Previews

White Background



This preview shows how the Yxy color 56.7222, 0.3495, 0.3573 looks on a white background.

Color Contrast Check

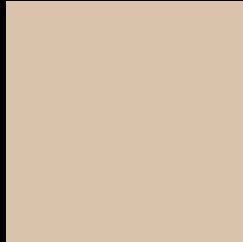
Large Text (above 18pt) WCAG AA × Fail

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 56.7222, 0.3495, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

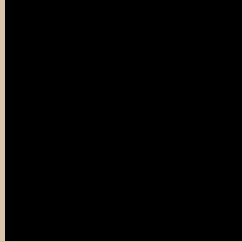
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7222, 0.3495, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 56.7222, 0.3495, 0.3573.



This preview shows how white text looks on a background with the Yxy color 56.7222, 0.3495, 0.3573.

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

56.7222, 0.3495, 0.3573

Protanopia

56.7766, 0.3405, 0.3603

Deuteranopia

56.5711, 0.3582, 0.3509



Tritanopia

56.6068, 0.3266, 0.3120

Trichromacy



Original Color

56.7222, 0.3495, 0.3573

Protanomaly

56.7599, 0.3432, 0.3589

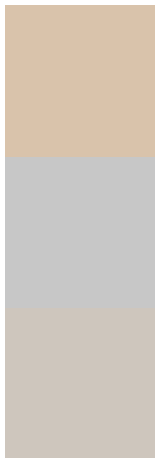
Deuteranomaly

56.3658, 0.3545, 0.3523

Tritanomaly

56.7652, 0.3350, 0.3279

Monochromacy



Original Color

56.7222, 0.3495, 0.3573

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1841, 0.3258, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7222, 0.3495, 0.3573 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(217, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 195, 171)  
}
```

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(217, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 195, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.7222, 0.3495, 0.3573 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(217, 195, 171) }
```

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

```
.border{ border-color:rgb(217, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 195, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 195, 171); box-shadow:4px 4px 4px 4px rgb(217, 195, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7222, 0.3495, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 195, 171) }
```

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

```
.background{ background-color: rgb(217,  
195, 171) }
```

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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