

Converting Colors

$Yxy(55.7185, 0.3474, 0.3534)$

Have a look what the booklet for
Yxy(55.7185, 0.3474, 0.3534)
contains.

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Color

Yxy(55.7560, 0.3475, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	D8C1AD
RGB	216, 193, 173
RGB Percent	85%, 76%, 68%
CMY	0.1529, 0.2431, 0.3216
CMYK	0.00, 0.11, 0.20, 0.15
HSL	28°, 36%, 76%
HSV	28°, 20%, 85%
XYZ	54.9340, 55.7560, 47.3934
YIQ	197.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

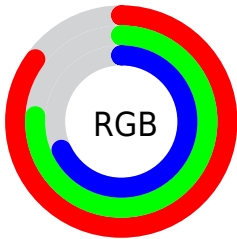
Format	Color
R _Y B	216, 210, 173
Decimal	14205357
CIE Lab	79.47, 4.96, 13.04
CIE LCh	79, 13.952, 69.174
Yxy	55.7560, 0.3475, 0.3527
Android (android.graphics.Color)	4292395437 (0xFFD8C1AD)
YUV	197.5970, -12.1263, 16.1394
Hunter-Lab	74.6699, 0.6484, 14.6373

Details

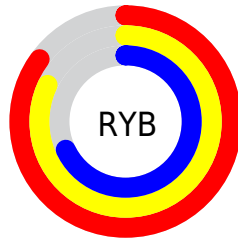
The Yxy color $55.7560, 0.3475, 0.3527$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3213, 0.2815, 0.3041$, and the grayscale version is $56.2822, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6128, 0.3292, 0.3495$, and $27.7137, 0.3564, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $50.0784, 0.3688, 0.3653$, and if you desaturate by 10%, it is $61.9729, 0.3288, 0.3405$.

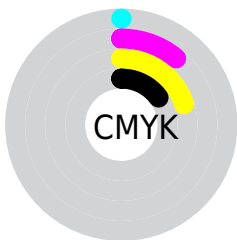
Distribution



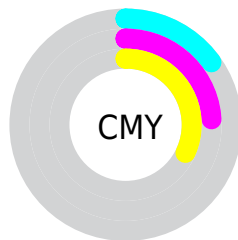
- Red (85%)
- Green (76%)
- Blue (68%)



- Red (85%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7560, 0.3475, 0.3527 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 55.7560, 0.3475, 0.3527 by changing the saturation by 10% instead.

 55.7560, 0.3475,
0.3527

 55.7560, 0.3475,
0.3527


408.7713, 0.3306,
0.3414

 40.0073, 0.3516,
0.3554

 98.6477, 0.3414,
0.3487

 27.5443, 0.3568,
0.3587


126.5596, 0.3391,
0.3472

 17.9824, 0.3635,
0.3630


159.2946, 0.3372,
0.3459

 10.9373, 0.3727,
0.3687

197.2372, 0.3355,
0.3447

 6.0247, 0.3858,
0.3766

240.7718, 0.3340,
0.3437

 2.8601, 0.4060,
0.3882

290.2827, 0.3327,

 1.0591, 0.4713,

0.3429

0.4343

346.1545, 0.3316,
0.3421

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7560, 0.3475,
0.3527

55.7560, 0.3475,
0.3527

50.0784, 0.3688,
0.3653

61.9729, 0.3288,
0.3405

44.9171, 0.3928,
0.3779

68.7364, 0.3126,
0.3289

40.2580, 0.4194,
0.3897

76.0633, 0.2985,
0.3181

36.0839, 0.4478,
0.3997

83.6809, 0.2888,
0.3126

■ 32.3759, 0.4771,
0.4068

■ 90.6718, 0.2893,
0.3246

■ 29.1138, 0.5054,
0.4095

■ 93.3415, 0.2894,
0.3289

■ 26.2747, 0.5309,
0.4070

■ 23.8264, 0.5523,
0.3996

■ 23.8083, 0.5525,
0.3995

Harmonies

Analogous

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



55.7560, 0.3482, 0.3389



55.7560, 0.3475, 0.3527



55.7560, 0.3372, 0.3606

Triad

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



55.7560, 0.3475, 0.3527



55.7560, 0.2869, 0.3343



55.7560, 0.3041, 0.3002

Complementary

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



55.7560, 0.3475, 0.3527



53.3213, 0.2815, 0.3041

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.



55.7560, 0.2882, 0.2984



55.7560, 0.3475, 0.3527



55.7560, 0.2785, 0.3174

Square

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



55.7560, 0.3475, 0.3527



55.7560, 0.3021, 0.3501



55.7560, 0.2790, 0.3044



55.7560, 0.3227, 0.3092

Rectangle

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



55.7560, 0.3475, 0.3527



55.7560, 0.3266, 0.3612



55.7560, 0.2790, 0.3044



55.7560, 0.2983, 0.2987

Sweetspot

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



55.7585, 0.3475, 0.3527



93.9430, 0.3223, 0.3359



48.4981, 0.3311, 0.3013



19.9704, 0.3234, 0.3367



0.0000, 0.0000, 0.0000



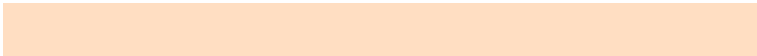
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7585, 0.3475, 0.3527



77.5307, 0.3563, 0.3581



65.6429, 0.3430, 0.3760



13.3635, 0.3280, 0.3399



14.3013, 0.5500, 0.4015



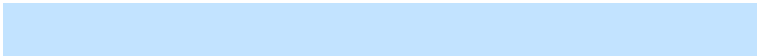
1.0273, 0.5217, 0.4240

Inverse Universe

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



53.3213, 0.2815, 0.3041



73.3458, 0.2746, 0.2980



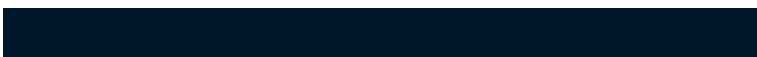
44.5544, 0.2798, 0.2772



13.0976, 0.2982, 0.3179



10.4817, 0.1807, 0.1705



0.7972, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 55.7560, 0.3475, 0.3527 looks on a white background.

Color Contrast Check

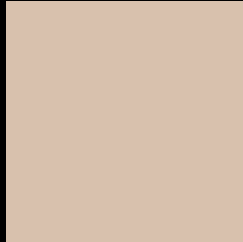
Large Text (above 18pt) WCAG AA × Fail

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 55.7560, 0.3475, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

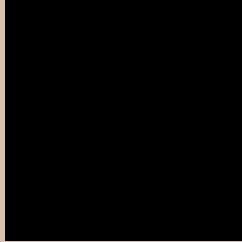
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7560, 0.3475, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 55.7560, 0.3475, 0.3527.



This preview shows how white text looks on a background with the Yxy color 55.7560, 0.3475, 0.3527.

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

55.7560, 0.3475, 0.3527

Protanopia

55.6968, 0.3368, 0.3544

Deuteranopia

55.8905, 0.3551, 0.3475



Tritanopia

55.9226, 0.3275, 0.3131

Trichromacy



Original Color

55.7560, 0.3475, 0.3527

Protanomaly

55.7878, 0.3412, 0.3542

Deuteranomaly

55.8472, 0.3523, 0.3488

Tritanomaly

55.6928, 0.3353, 0.3268

Monochromacy



Original Color

55.7560, 0.3475, 0.3527

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1331, 0.3252, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7560, 0.3475, 0.3527 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 173)  
}
```

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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 173) }
```

Border

The CSS property to change the border of an element to Yxy 55.7560, 0.3475, 0.3527 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, 193, 173) }
```

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

```
.border{ border-color:rgb(216, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7560, 0.3475, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 173) }
```

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

```
.background{ background-color: rgb(216,  
193, 173) }
```

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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