

Converting Colors

$Y_{xy}(55.2030, 0.3641, 0.3702)$

Have a look what the booklet for
Yxy(55.2030, 0.3641, 0.3702)
contains.

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Color

Yxy(55.3492, 0.3642, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	DCC09D
RGB	220, 192, 157
RGB Percent	86%, 75%, 62%
CMY	0.1372, 0.2470, 0.3843
CMYK	0.00, 0.13, 0.29, 0.14
HSL	33°, 47%, 74%
HSV	33°, 29%, 86%
XYZ	54.4521, 55.3492, 39.7103
YIQ	196.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

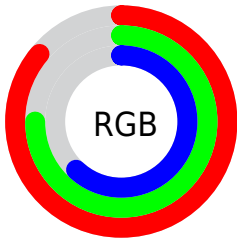
Format	Color
R _Y B	207, 220, 157
Decimal	14467229
CIE Lab	79.24, 4.74, 21.32
CIE LCh	79, 21.838, 77.457
Yxy	55.3492, 0.3642, 0.3702
Android (android.graphics.Color)	4292657309 (0xFFDCC09D)
YUV	196.3820, -19.4153, 20.7130
Hunter-Lab	74.3970, 0.4516, 20.4312

Details

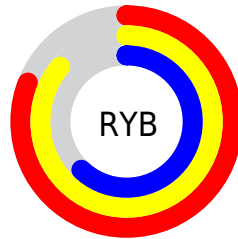
The Yxy color **55.3492, 0.3642, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0349, 0.2666, 0.2839**, and the grayscale version is **55.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1483, 0.3393, 0.3645**, and **27.3984, 0.3768, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **50.5141, 0.3862, 0.3851**, and if you desaturate by 10%, it is **60.6100, 0.3442, 0.3553**.

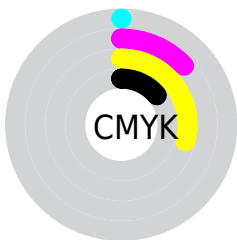
Distribution



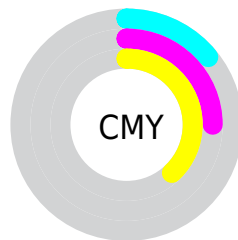
- Red (86%)
- Green (75%)
- Blue (62%)



- Red (81%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3492, 0.3642, 0.3702 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 55.3492, 0.3642, 0.3702 by changing the saturation by 10% instead.


 55.3492, 0.3642,
0.3702


 55.3492, 0.3642,
0.3702


407.2343, 0.3392,
0.3506

 39.6814, 0.3702,
0.3748

 98.0524, 0.3553,
0.3633

 27.2902, 0.3777,
0.3805


 125.8566, 0.3519,
0.3606

 17.7913, 0.3875,
0.3877


158.4750, 0.3490,
0.3584

 10.8003, 0.4005,
0.3972

196.2920, 0.3465,
0.3564

 5.9327, 0.4188,
0.4099

239.6920, 0.3443,
0.3547

 2.8042, 0.4458,
0.4277

289.0595, 0.3424,

 1.0304, 0.5193,

0.3531

0.4807

344.7788, 0.3407,
0.3518

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3492, 0.3642,
0.3702

55.3492, 0.3642,
0.3702

50.5141, 0.3862,
0.3851

60.6100, 0.3442,
0.3553

46.0843, 0.4100,
0.3992

66.3011, 0.3264,
0.3409

42.0487, 0.4350,
0.4116

72.4363, 0.3107,
0.3272

38.3928, 0.4602,
0.4210

79.0266, 0.2968,
0.3144

■ 35.1004, 0.4843,
0.4263

■ 85.2853, 0.2913,
0.3145

■ 32.1534, 0.5057,
0.4265

■ 91.2273, 0.2916,
0.3246

■ 29.5273, 0.5236,
0.4214

■ 93.9569, 0.2917,
0.3289

■ 29.1911, 0.5260,
0.4206

Harmonies

Analogous

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



55.3492, 0.3700, 0.3502



55.3492, 0.3642, 0.3702



55.3492, 0.3443, 0.3802

Triad

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



55.3492, 0.3642, 0.3702



55.3492, 0.2677, 0.3292



55.3492, 0.3068, 0.2877

Complementary

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



55.3492, 0.3642, 0.3702



47.0349, 0.2666, 0.2839

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.



55.3492, 0.2804, 0.2813



55.3492, 0.3642, 0.3702



55.3492, 0.2586, 0.3037

Square

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



55.3492, 0.3642, 0.3702



55.3492, 0.2885, 0.3562



55.3492, 0.2631, 0.2867



55.3492, 0.3360, 0.3037

Rectangle

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



55.3492, 0.3642, 0.3702



55.3492, 0.3262, 0.3787



55.3492, 0.2631, 0.2867



55.3492, 0.2973, 0.2843

Sweetspot

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



55.3517, 0.3642, 0.3702



92.2727, 0.3272, 0.3415



42.8479, 0.3475, 0.2957



19.4931, 0.3297, 0.3436



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.



55.3517, 0.3642, 0.3702



73.4491, 0.3764, 0.3786



68.3548, 0.3533, 0.4009



14.2451, 0.3278, 0.3420



17.3563, 0.5239, 0.4222



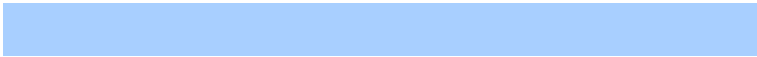
1.2953, 0.5023, 0.4394

Inverse Universe

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



47.0349, 0.2666, 0.2839



60.1232, 0.2571, 0.2734



36.7700, 0.2651, 0.2468



13.5651, 0.2982, 0.3157



8.3500, 0.1724, 0.1406



0.7110, 0.1811, 0.1721

Previews

White Background



This preview shows how the Yxy color 55.3492, 0.3642, 0.3702 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 55.3492, 0.3642, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

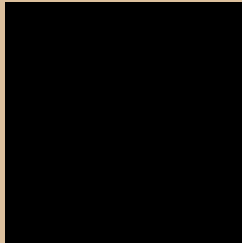
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

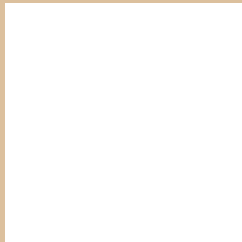
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3492, 0.3642, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 55.3492, 0.3642, 0.3702.



This preview shows how white text looks on a background with the Yxy color 55.3492, 0.3642, 0.3702.

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

55.3492, 0.3642, 0.3702

Protanopia

55.3930, 0.3511, 0.3739

Deuteranopia

55.5218, 0.3722, 0.3646



Tritanopia

55.2955, 0.3344, 0.3132

Trichromacy



Original Color

55.3492, 0.3642, 0.3702

Protanomaly

55.4959, 0.3556, 0.3734

Deuteranomaly

55.4643, 0.3693, 0.3661

Tritanomaly

55.1151, 0.3455, 0.3337

Monochromacy



Original Color

55.3492, 0.3642, 0.3702

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3867, 0.3307, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3492, 0.3642, 0.3702 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(220, 192, 157)` looks like.

```
.text, #text, p{  
    color:rgb(220, 192, 157)  
}
```

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(220, 192, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 192, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.3492, 0.3642, 0.3702 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(220, 192, 157) }
```

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

```
.border{ border-color:rgb(220, 192, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 192, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 192, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 192, 157);  
box-shadow:4px 4px 4px 4px rgb(220, 192,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3492, 0.3642, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 192, 157) }
```

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

```
.background{ background-color: rgb(220,  
192, 157) }
```

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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