

Converting Colors

Yxy(57.6314, 0.3542, 0.3703)

Have a look what the booklet for
Yxy(57.6314, 0.3542, 0.3703)
contains.

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Color

Yxy(57.6314, 0.3542, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	D8C6A3
RGB	216, 198, 163
RGB Percent	85%, 78%, 64%
CMY	0.1529, 0.2235, 0.3607
CMYK	0.00, 0.08, 0.25, 0.15
HSL	40°, 40%, 74%
HSV	40°, 25%, 85%
XYZ	55.1257, 57.6314, 42.8773
YIQ	199.3920, 21.9630, -7.0690

Conversions

Conversions Part 2

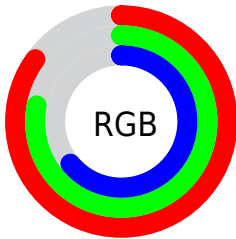
Format	Color
R _{YB}	190, 216, 163
Decimal	14206627
CIE Lab	80.53, 0.88, 19.84
CIE LCh	81, 19.862, 87.457
Yxy	57.6314, 0.3542, 0.3703
Android (android.graphics.Color)	4292396707 (0xFFD8C6A3)
YUV	199.3920, -17.9413, 14.5652
Hunter-Lab	75.9153, -3.2347, 19.6535

Details

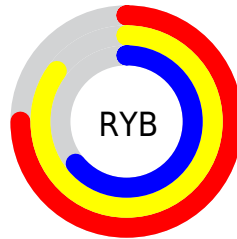
The Yxy color **57.6314, 0.3542, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8023, 0.2729, 0.2839**, and the grayscale version is **57.4702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **28.6713, 0.3656, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **53.6506, 0.3738, 0.3878**, and if you desaturate by 10%, it is **61.9122, 0.3361, 0.3530**.

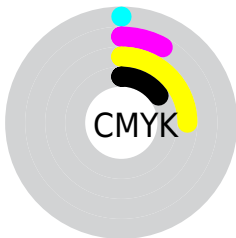
Distribution



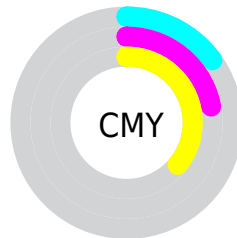
- Red (85%)
- Green (78%)
- Blue (64%)



- Red (75%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6314, 0.3542, 0.3703 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 57.6314, 0.3542, 0.3703 by changing the saturation by 10% instead.


 57.6314, 0.3542,
0.3703


 57.6314, 0.3542,
0.3703


415.8110, 0.3342,
0.3505

 41.5124, 0.3589,
0.3750


 101.3859, 0.3471,
0.3633

 28.7197, 0.3649,
0.3808

 129.7902, 0.3444,
0.3606

 18.8689, 0.3725,
0.3883


163.0583, 0.3421,
0.3583

 11.5756, 0.3827,
0.3983

201.5747, 0.3401,
0.3563

 6.4554, 0.3967,
0.4120

245.7238, 0.3384,
0.3546

 3.1239, 0.4172,
0.4317

295.8900, 0.3368,

 1.1968, 0.4931,

0.3531

0.5069

352.4576, 0.3355,
0.3517

0.0591, 0.5680,
0.4320

0.0000, 0.0000,
0.0000

57.6314, 0.3542,
0.3703

57.6314, 0.3542,
0.3703

53.6506, 0.3738,
0.3878

61.9122, 0.3361,
0.3530

49.9529, 0.3945,
0.4047

66.4938, 0.3196,
0.3363

46.5315, 0.4159,
0.4201

71.3866, 0.3048,
0.3205

43.3758, 0.4370,
0.4331

76.5983, 0.2916,
0.3057

■ 40.4743, 0.4569,
0.4423

■ 81.0611, 0.2886,
0.3079

■ 37.8141, 0.4745,
0.4469

■ 85.3430, 0.2889,
0.3156

■ 35.3797, 0.4890,
0.4463

■ 89.8001, 0.2892,
0.3232

■ 34.1306, 0.4959,
0.4444

■ 93.3394, 0.2894,
0.3289

Harmonies

Analogous

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



57.6314, 0.3640, 0.3549



57.6314, 0.3542, 0.3703



57.6314, 0.3333, 0.3749

Triad

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



57.6314, 0.3542, 0.3703



57.6314, 0.2681, 0.3212



57.6314, 0.3163, 0.2957

Complementary

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



57.6314, 0.3542, 0.3703



45.8023, 0.2729, 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.



57.6314, 0.2909, 0.2868



57.6314, 0.3542, 0.3703



57.6314, 0.2639, 0.3002

Square

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



57.6314, 0.3542, 0.3703



57.6314, 0.2838, 0.3457



57.6314, 0.2721, 0.2881



57.6314, 0.3417, 0.3126

Rectangle

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



57.6314, 0.3542, 0.3703



57.6314, 0.3162, 0.3704



57.6314, 0.2721, 0.2881



57.6314, 0.3075, 0.2917

Sweetspot

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



57.6340, 0.3542, 0.3703



95.0949, 0.3237, 0.3404



44.1601, 0.3462, 0.3069



20.2660, 0.3246, 0.3415



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.



57.6340, 0.3542, 0.3703



81.1235, 0.3633, 0.3786



65.1763, 0.3433, 0.3912



13.7763, 0.3275, 0.3444



20.4084, 0.4944, 0.4456



1.3815, 0.4783, 0.4585

Inverse Universe

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



45.8023, 0.2729, 0.2839



61.2757, 0.2646, 0.2738



39.8136, 0.2772, 0.2610



12.6915, 0.2982, 0.3132



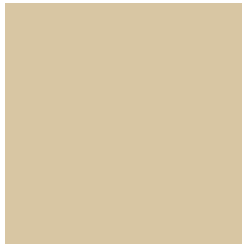
5.9650, 0.1641, 0.1106



0.5110, 0.1738, 0.1457

Previews

White Background



This preview shows how the Yxy color 57.6314, 0.3542, 0.3703 looks on a white background.

Color Contrast Check

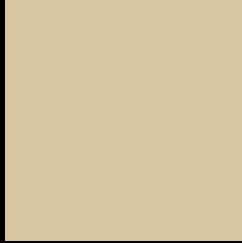
Large Text (above 18pt) WCAG AA × Fail

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 57.6314, 0.3542, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

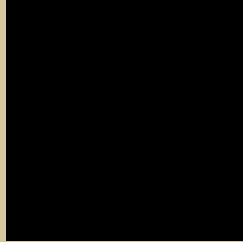
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6314, 0.3542, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 57.6314, 0.3542, 0.3703.



This preview shows how white text looks on a background with the Yxy color 57.6314, 0.3542, 0.3703.

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

57.6314, 0.3542, 0.3703

Protanopia

57.5242, 0.3498, 0.3707

Deuteranopia

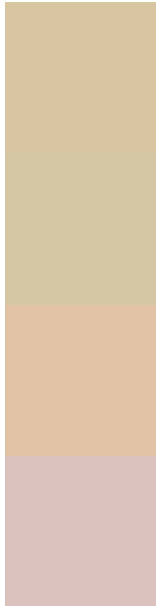
57.5354, 0.3689, 0.3607



Tritanopia

57.5764, 0.3248, 0.3121

Trichromacy



Original Color

57.6314, 0.3542, 0.3703

Protanomaly

57.6733, 0.3506, 0.3706

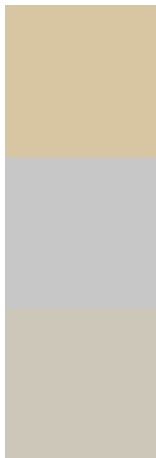
Deuteranomaly

57.4327, 0.3631, 0.3636

Tritanomaly

57.4052, 0.3354, 0.3325

Monochromacy



Original Color

57.6314, 0.3542, 0.3703

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3712, 0.3271, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6314, 0.3542, 0.3703 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, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 163)  
}
```

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, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 57.6314, 0.3542, 0.3703 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, 198, 163) }
```

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

```
.border{ border-color:rgb(216, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6314, 0.3542, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 163) }
```

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

```
.background{ background-color: rgb(216,  
198, 163) }
```

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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