

Converting Colors

$Y_{xy}(56.5810, 0.3605, 0.3910)$

Have a look what the booklet for
Yxy(56.5810, 0.3605, 0.3910)
contains.

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Color

Yxy(56.6551, 0.3612, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	D2C793
RGB	210, 199, 147
RGB Percent	82%, 78%, 58%
CMY	0.1764, 0.2196, 0.4235
CMYK	0.00, 0.05, 0.30, 0.18
HSL	50°, 41%, 70%
HSV	50°, 30%, 82%
XYZ	52.2703, 56.6551, 35.7875
YIQ	196.3610, 23.2480, -13.8400

Conversions

Conversions Part 2

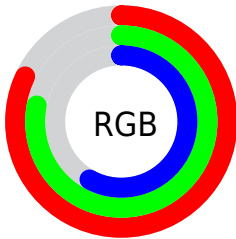
Format	Color
R _Y B	160, 210, 147
Decimal	13813651
CIE Lab	79.99, -4.08, 27.47
CIE LCh	80, 27.770, 98.455
Yxy	56.6551, 0.3612, 0.3915
Android (android.graphics.Color)	4292003731 (0xFFD2C793)
YUV	196.3610, -24.3350, 11.9614
Hunter-Lab	75.2696, -7.7640, 24.4988

Details

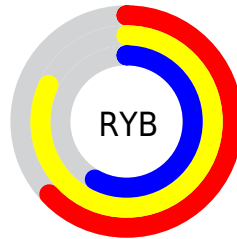
The Yxy color **56.6551, 0.3612, 0.3915** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3162, 0.2618, 0.2576**, and the grayscale version is **55.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **28.0639, 0.3736, 0.4071** is the 20% darker color. If you saturate the color by 10%, you get **54.3894, 0.3785, 0.4122**, and if you desaturate by 10%, it is **59.0870, 0.3442, 0.3703**.

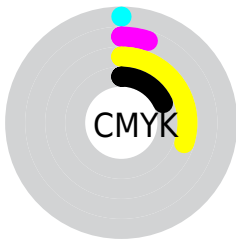
Distribution



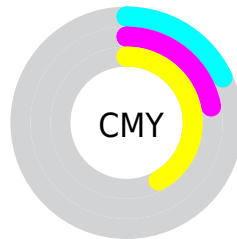
- Red (82%)
- Green (78%)
- Blue (58%)



- Red (63%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6551, 0.3612, 0.3915 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 56.6551, 0.3612, 0.3915 by changing the saturation by 10% instead.


 56.6551, 0.3612,
0.3915


 56.6551, 0.3612,
0.3915

412.1557, 0.3381,
0.3612

 40.7284, 0.3666,
0.3987


 99.9618, 0.3531,
0.3808

 28.1069, 0.3732,
0.4077


 128.1105, 0.3500,
0.3766

 18.4063, 0.3815,
0.4192


161.1021, 0.3473,
0.3731

 11.2421, 0.3923,
0.4345

199.3208, 0.3450,
0.3701

 6.2299, 0.4065,
0.4552

243.1511, 0.3429,
0.3675

 2.9854, 0.4299,
0.4899

292.9775, 0.3411,

 1.1241, 0.4595,

0.3651

0.5405

349.1842, 0.3395,
0.3631

0.0000, 0.0000,
0.0000

56.6551, 0.3612,
0.3915

56.6551, 0.3612,
0.3915

54.3894, 0.3785,
0.4122

59.0870, 0.3442,
0.3703

52.2753, 0.3956,
0.4316

61.6838, 0.3280,
0.3493

50.3080, 0.4117,
0.4486

64.4538, 0.3127,
0.3290

48.4792, 0.4261,
0.4623

67.4028, 0.2986,
0.3098

46.7794, 0.4382,
0.4717

70.5360, 0.2857,
0.2919

■ 45.1976, 0.4475,
0.4766

■ 72.6432, 0.2842,
0.2929

■ 43.7137, 0.4543,
0.4775

■ 74.6019, 0.2844,
0.2968

■ 43.7134, 0.4543,
0.4775

■ 76.6032, 0.2846,
0.3008

■ 78.6473, 0.2848,
0.3048

Harmonies

Analogous

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



56.6551, 0.3820, 0.3736



56.6551, 0.3612, 0.3915



56.6551, 0.3280, 0.3922

Triad

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



56.6551, 0.3612, 0.3915



56.6551, 0.2468, 0.3054



56.6551, 0.3311, 0.2905

Complementary

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



56.6551, 0.3612, 0.3915



35.3162, 0.2618, 0.2576

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.



56.6551, 0.2943, 0.2739



56.6551, 0.3612, 0.3915



56.6551, 0.2474, 0.2806

Square

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



56.6551, 0.3612, 0.3915



56.6551, 0.2626, 0.3396



56.6551, 0.2642, 0.2699



56.6551, 0.3644, 0.3162

Rectangle

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



56.6551, 0.3612, 0.3915



56.6551, 0.3037, 0.3812



56.6551, 0.2642, 0.2699



56.6551, 0.3186, 0.2837

Sweetspot

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



56.6577, 0.3612, 0.3915



96.0777, 0.3265, 0.3474



37.0611, 0.3671, 0.3147



20.4334, 0.3289, 0.3505



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.



56.6577, 0.3612, 0.3915



85.6232, 0.3723, 0.4049



59.1585, 0.3415, 0.4076



13.4315, 0.3270, 0.3480



26.7940, 0.4537, 0.4780



1.5927, 0.4463, 0.4838

Inverse Universe

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



35.3162, 0.2618, 0.2576



47.3627, 0.2495, 0.2394



33.7349, 0.2769, 0.2458



11.7468, 0.2982, 0.3092



3.7368, 0.1546, 0.0766



0.3134, 0.1633, 0.1080

Previews

White Background



This preview shows how the Yxy color 56.6551, 0.3612, 0.3915 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 56.6551, 0.3612, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

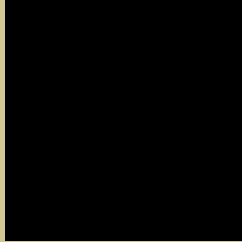
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6551, 0.3612, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 56.6551, 0.3612, 0.3915.



This preview shows how white text looks on a background with the Yxy color 56.6551, 0.3612, 0.3915.

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

56.6551, 0.3612, 0.3915

Protanopia

56.6409, 0.3641, 0.3898

Deuteranopia

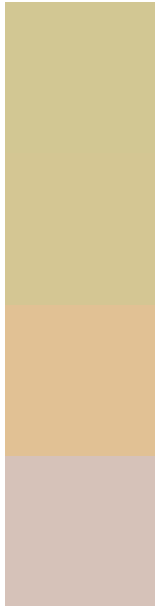
56.4893, 0.3837, 0.3752



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.6551, 0.3612, 0.3915

Protanomaly

56.4918, 0.3632, 0.3900

Deuteranomaly

56.2856, 0.3755, 0.3811

Tritanomaly

56.3825, 0.3360, 0.3396

Monochromacy



Original Color

56.6551, 0.3612, 0.3915

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5644, 0.3302, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6551, 0.3612, 0.3915 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, 199, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 147)  
}
```

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, 199, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 147) }
```

Border

The CSS property to change the border of an element to Yxy 56.6551, 0.3612, 0.3915 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, 199, 147) }
```

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

```
.border{ border-color:rgb(210, 199, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6551, 0.3612, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 147) }
```

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

```
.background{ background-color: rgb(210,  
199, 147) }
```

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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