

Converting Colors

$Yxy(56.5763, 0.3686, 0.3905)$

Have a look what the booklet for
Yxy(56.5763, 0.3686, 0.3905)
contains.

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Color

Yxy(56.5758, 0.3686, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	D8C591
RGB	216, 197, 145
RGB Percent	85%, 77%, 57%
CMY	0.1528, 0.2275, 0.4313
CMYK	0.00, 0.09, 0.33, 0.15
HSL	44°, 48%, 71%
HSV	44°, 33%, 85%
XYZ	53.4029, 56.5758, 34.9017
YIQ	196.7530, 28.0160, -12.1440

Conversions

Conversions Part 2

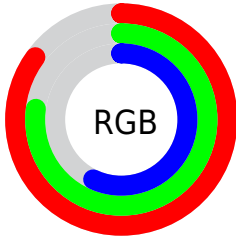
Format	Color
RYB	171, 216, 145
Decimal	14206353
CIELab	79.94, -0.95, 28.54
CIElCh	80, 28.555, 91.911
Yxy	56.5758, 0.3686, 0.3905
Android (android.graphics.Color)	4292396433 (0xFFD8C591)
YUV	196.7530, -25.5142, 16.8796
Hunter-Lab	75.2169, -4.8971, 25.1404

Details

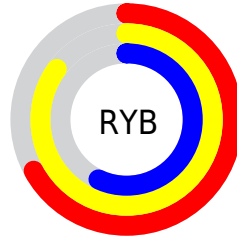
The Yxy color **56.5758, 0.3686, 0.3905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5506, 0.2574, 0.2587**, and the grayscale version is **55.8262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2671, 0.3462, 0.3831**, and **27.9267, 0.3825, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **53.3948, 0.3877, 0.4091**, and if you desaturate by 10%, it is **59.9897, 0.3502, 0.3714**.

Distribution



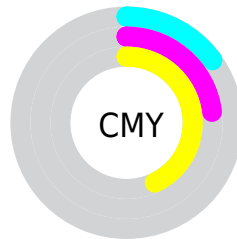
- Red (85%)
- Green (77%)
- Blue (57%)



- Red (67%)
- Yellow (85%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (33%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5758, 0.3686, 0.3905 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 56.5758, 0.3686, 0.3905 by changing the saturation by 10% instead.


 56.5758, 0.3686,
0.3905

 56.5758, 0.3686,
0.3905


411.8579, 0.3419,
0.3610

 40.6648, 0.3748,
0.3974


 99.8460, 0.3592,
0.3801

 28.0572, 0.3825,
0.4060

 127.9739, 0.3556,
0.3761

 18.3688, 0.3923,
0.4169


160.9429, 0.3525,
0.3727

 11.2151, 0.4050,
0.4312

199.1373, 0.3498,
0.3697

 6.2117, 0.4216,
0.4501

242.9417, 0.3474,
0.3671

 2.9742, 0.4507,
0.4830

292.7403, 0.3454,

 1.1183, 0.4809,

0.3648

0.5191

348.9175, 0.3435,
0.3628

0.0000, 0.0000,
0.0000

56.5758, 0.3686,
0.3905

56.5758, 0.3686,
0.3905

53.3948, 0.3877,
0.4091

59.9897, 0.3502,
0.3714

50.4307, 0.4070,
0.4263

63.6364, 0.3330,
0.3524

47.6769, 0.4257,
0.4410

67.5258, 0.3170,
0.3341

45.1234, 0.4430,
0.4521

71.6648, 0.3025,
0.3167

42.7588, 0.4579,
0.4589

76.0598, 0.2894,
0.3005

■ 40.5695, 0.4699,
0.4607

■ 79.3870, 0.2885,
0.3047

■ 39.1000, 0.4769,
0.4595

■ 82.6957, 0.2887,
0.3109

■ 86.1127, 0.2890,
0.3169

■ 89.6390, 0.2892,
0.3229

Harmonies

Analogous

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



56.5758, 0.3861, 0.3691



56.5758, 0.3686, 0.3905



56.5758, 0.3364, 0.3957

Triad

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



56.5758, 0.3686, 0.3905



56.5758, 0.2472, 0.3117



56.5758, 0.3232, 0.2848

Complementary

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



56.5758, 0.3686, 0.3905



37.5506, 0.2574, 0.2587

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.



56.5758, 0.2861, 0.2703



56.5758, 0.3686, 0.3905



56.5758, 0.2441, 0.2836

Square

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



56.5758, 0.3686, 0.3905



56.5758, 0.2668, 0.3479



56.5758, 0.2578, 0.2694



56.5758, 0.3593, 0.3095

Rectangle

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



56.5758, 0.3686, 0.3905



56.5758, 0.3115, 0.3875



56.5758, 0.2578, 0.2694



56.5758, 0.3104, 0.2786

Sweetspot

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



56.5784, 0.3686, 0.3905



94.1817, 0.3284, 0.3472



37.5820, 0.3668, 0.3046



19.9900, 0.3307, 0.3499



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.



56.5784, 0.3686, 0.3905



79.3222, 0.3810, 0.4027



63.5380, 0.3498, 0.4141



13.9306, 0.3273, 0.3460



23.3233, 0.4758, 0.4604



1.5398, 0.4639, 0.4699

Inverse Universe

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



37.5506, 0.2574, 0.2587



47.7828, 0.2453, 0.2419



32.7322, 0.2666, 0.2352



12.5448, 0.2982, 0.3114



4.8723, 0.1593, 0.0935



0.4308, 0.1688, 0.1277

Previews

White Background



This preview shows how the Yxy color 56.5758, 0.3686, 0.3905 looks on a white background.

Color Contrast Check

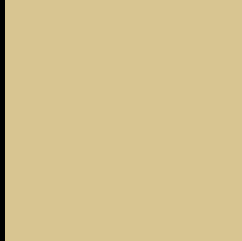
Large Text (above 18pt) WCAG AA × Fail

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 56.5758, 0.3686, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

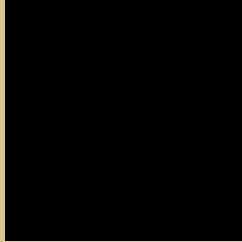
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5758, 0.3686, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 56.5758, 0.3686, 0.3905.



This preview shows how white text looks on a background with the Yxy color 56.5758, 0.3686, 0.3905.

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

56.5758, 0.3686, 0.3905

Protanopia

56.5786, 0.3656, 0.3922

Deuteranopia

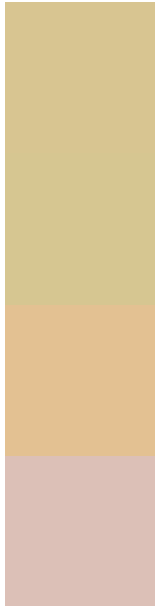
56.3947, 0.3862, 0.3786



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.5758, 0.3686, 0.3905

Protanomaly

56.7286, 0.3665, 0.3920

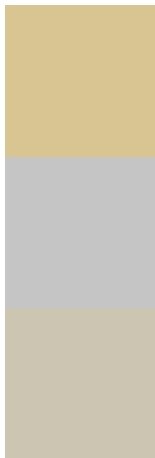
Deuteranomaly

56.5461, 0.3789, 0.3830

Tritanomaly

56.3338, 0.3430, 0.3395

Monochromacy



Original Color

56.5758, 0.3686, 0.3905

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9842, 0.3327, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5758, 0.3686, 0.3905 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, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 145)  
}
```

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, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 145) }
```

Border

The CSS property to change the border of an element to Yxy 56.5758, 0.3686, 0.3905 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, 197, 145) }
```

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

```
.border{ border-color:rgb(216, 197, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 197, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 197, 145); box-shadow:4px 4px 4px 4px rgb(216, 197, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5758, 0.3686, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 145) }
```

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

```
.background{ background-color: rgb(216,  
197, 145) }
```

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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