

Converting Colors

$Yxy(56.6724, 0.3633, 0.3887)$

Have a look what the booklet for
Yxy(56.6724, 0.3633, 0.3887)
contains.

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Color

Yxy(56.6724, 0.3633, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	D5C694
RGB	213, 198, 148
RGB Percent	84%, 78%, 58%
CMY	0.1649, 0.2234, 0.4197
CMYK	0.00, 0.07, 0.31, 0.16
HSL	46°, 44%, 71%
HSV	46°, 31%, 84%
XYZ	52.9691, 56.6724, 36.1584
YIQ	196.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

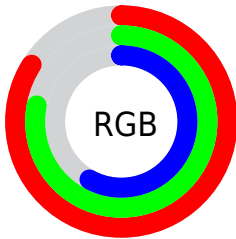
Format	Color
R _Y B	168, 213, 148
Decimal	14010004
CIE Lab	79.99, -2.31, 27.01
CIE LCh	80, 27.108, 94.884
Yxy	56.6724, 0.3633, 0.3887
Android (android.graphics.Color)	4292200084 (0xFFD5C694)
YUV	196.7850, -24.0510, 14.2206
Hunter-Lab	75.2811, -6.1461, 24.2191

Details

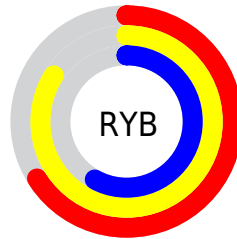
The Yxy color $56.6724, 0.3633, 0.3887$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.2626, 0.2614, 0.2611$, and the grayscale version is $55.8325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0443, 0.3442, 0.3810$, and $27.9777, 0.3754, 0.4034$ is the 20% darker color. If you saturate the color by 10%, you get $53.8596, 0.3816, 0.4083$, and if you desaturate by 10%, it is $59.6868, 0.3456, 0.3687$.

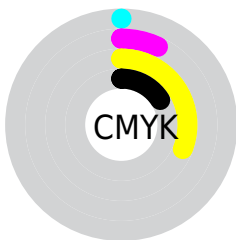
Distribution



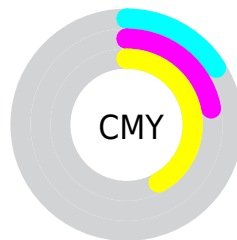
- Red (84%)
- Green (78%)
- Blue (58%)



- Red (66%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6724, 0.3633, 0.3887 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 56.6724, 0.3633, 0.3887 by changing the saturation by 10% instead.


 56.6724, 0.3633,
0.3887


 56.6724, 0.3633,
0.3887


412.2206, 0.3391,
0.3599

 40.7423, 0.3689,
0.3955


 99.9870, 0.3548,
0.3785

 28.1178, 0.3759,
0.4040


 128.1403, 0.3515,
0.3746

 18.4144, 0.3848,
0.4149


161.1368, 0.3487,
0.3713

 11.2479, 0.3963,
0.4291

199.3608, 0.3463,
0.3684

 6.2339, 0.4115,
0.4485

243.1968, 0.3442,
0.3659

 2.9878, 0.4362,
0.4800

293.0292, 0.3423,

 1.1254, 0.4717,

0.3636

0.5283

349.2423, 0.3406,
0.3617

0.0000, 0.0000,
0.0000

56.6724, 0.3633,
0.3887

56.6724, 0.3633,
0.3887

53.8596, 0.3816,
0.4083

59.6868, 0.3456,
0.3687

51.2330, 0.3999,
0.4266

62.9019, 0.3289,
0.3490

48.7872, 0.4177,
0.4426

66.3269, 0.3135,
0.3299

46.5132, 0.4339,
0.4553

69.9679, 0.2993,
0.3120

44.4006, 0.4479,
0.4638

73.8308, 0.2865,
0.2952

■ 42.4376, 0.4591,
0.4675

■ 76.5109, 0.2864,
0.2999

■ 40.6925, 0.4673,
0.4672

■ 79.2328, 0.2866,
0.3052

■ 82.0314, 0.2869,
0.3104

■ 84.9075, 0.2871,
0.3155

Harmonies

Analogous

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



56.6724, 0.3816, 0.3697



56.6724, 0.3633, 0.3887



56.6724, 0.3319, 0.3916

Triad

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



56.6724, 0.3633, 0.3887



56.6724, 0.2493, 0.3096



56.6724, 0.3264, 0.2889

Complementary

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



56.6724, 0.3633, 0.3887



37.2626, 0.2614, 0.2611

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.



56.6724, 0.2907, 0.2739



56.6724, 0.3633, 0.3887



56.6724, 0.2480, 0.2839

Square

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



56.6724, 0.3633, 0.3887



56.6724, 0.2666, 0.3435



56.6724, 0.2626, 0.2717



56.6724, 0.3599, 0.3132

Rectangle

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



56.6724, 0.3633, 0.3887



56.6724, 0.3081, 0.3824



56.6724, 0.2626, 0.2717



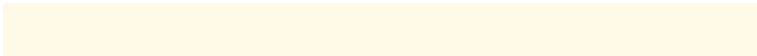
56.6724, 0.3142, 0.2826

Sweetspot

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



56.6750, 0.3633, 0.3887



95.2895, 0.3267, 0.3462



37.9649, 0.3650, 0.3104



20.2382, 0.3290, 0.3491



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.



56.6750, 0.3633, 0.3887



82.2765, 0.3758, 0.4023



61.3892, 0.3446, 0.4084



14.0134, 0.3272, 0.3469



25.0300, 0.4665, 0.4678



1.6305, 0.4567, 0.4756

Inverse Universe

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



37.2626, 0.2614, 0.2611



48.3545, 0.2484, 0.2428



34.0107, 0.2733, 0.2435



12.4672, 0.2982, 0.3105



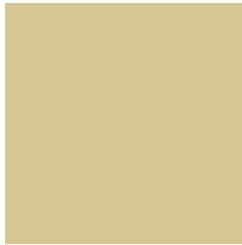
4.4034, 0.1572, 0.0857



0.3933, 0.1664, 0.1188

Previews

White Background



This preview shows how the Yxy color 56.6724, 0.3633, 0.3887 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 56.6724, 0.3633, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

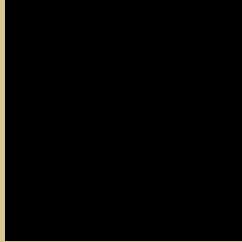
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6724, 0.3633, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 56.6724, 0.3633, 0.3887.

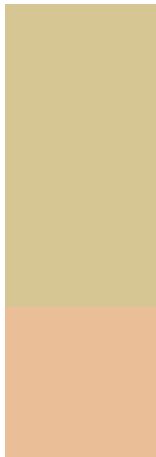


This preview shows how white text looks on a background with the Yxy color 56.6724, 0.3633, 0.3887.

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

56.6724, 0.3633, 0.3887

Protanopia

56.6724, 0.3633, 0.3887

Deuteranopia

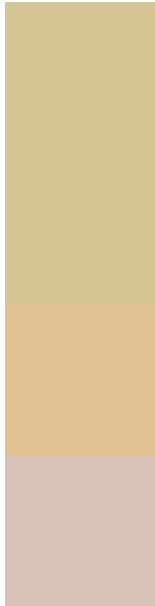
56.5213, 0.3829, 0.3741



Tritanopia

56.4503, 0.3258, 0.3120

Trichromacy



Original Color

56.6724, 0.3633, 0.3887

Protanomaly

56.6724, 0.3633, 0.3887

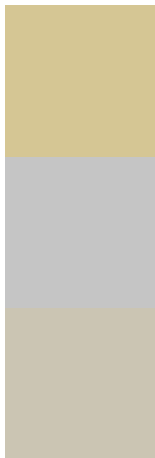
Deuteranomaly

56.4786, 0.3756, 0.3797

Tritanomaly

56.3523, 0.3395, 0.3396

Monochromacy



Original Color

56.6724, 0.3633, 0.3887

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8837, 0.3311, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6724, 0.3633, 0.3887 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(213, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 148)  
}
```

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(213, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.6724, 0.3633, 0.3887 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(213, 198, 148) }
```

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

```
.border{ border-color:rgb(213, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 198, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 198, 148); box-shadow:4px 4px 4px 4px rgb(213, 198, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6724, 0.3633, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 148) }
```

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

```
.background{ background-color: rgb(213,  
198, 148) }
```

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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