

Converting Colors

$Yxy(60.8586, 0.3668, 0.3963)$

Have a look what the booklet for
Yxy(60.8586, 0.3668, 0.3963)
contains.

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Color

Yxy(60.8293, 0.3668, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	DBCD93
RGB	219, 205, 147
RGB Percent	86%, 80%, 58%
CMY	0.1411, 0.1961, 0.4234
CMYK	0.00, 0.06, 0.33, 0.14
HSL	48°, 50%, 72%
HSV	48°, 33%, 86%
XYZ	56.3155, 60.8293, 36.3870
YIQ	202.5740, 26.9620, -15.0700

Conversions

Conversions Part 2

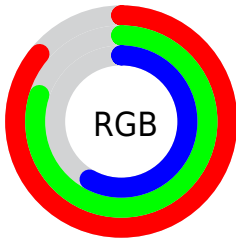
Format	Color
RYB	164, 219, 147
Decimal	14405011
CIELab	82.29, -3.70, 30.67
CIELCh	82, 30.892, 96.876
Yxy	60.8293, 0.3668, 0.3962
Android (android.graphics.Color)	4292595091 (0xFFDBCD93)
YUV	202.5740, -27.3980, 14.4056
Hunter-Lab	77.9931, -7.6009, 26.9340

Details

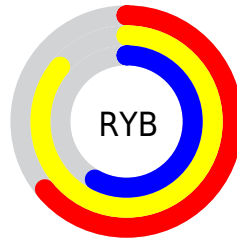
The Yxy color **60.8293, 0.3668, 0.3962** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8240, 0.2564, 0.2513**, and the grayscale version is **59.6058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **30.7643, 0.3793, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **58.1966, 0.3845, 0.4163**, and if you desaturate by 10%, it is **63.6540, 0.3494, 0.3754**.

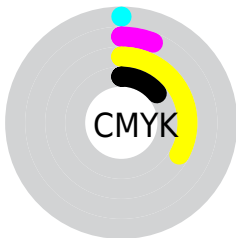
Distribution



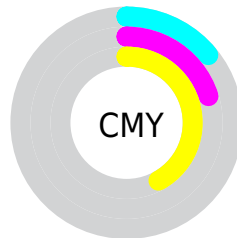
- Red (86%)
- Green (80%)
- Blue (58%)



- Red (64%)
- Yellow (86%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8293, 0.3668, 0.3962 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 60.8293, 0.3668, 0.3962 by changing the saturation by 10% instead.

 60.8293, 0.3668,
0.3962


 60.8293, 0.3668,
0.3962

427.6478, 0.3414,
0.3642

 44.0874, 0.3726,
0.4036


 106.0317, 0.3580,
0.3850

 30.7392, 0.3797,
0.4129


 135.2611, 0.3546,
0.3806

 20.4004, 0.3885,
0.4246


169.4217, 0.3516,
0.3769

 12.6864, 0.3997,
0.4397

208.8980, 0.3490,
0.3737

 7.2130, 0.4141,
0.4598

254.0744, 0.3468,
0.3708

 3.5956, 0.4355,
0.4905

305.3352, 0.3448,

 1.4500, 0.4643,

0.3684

0.5357

363.0649, 0.3430,
0.3661

■ 0.2532, 0.3726,
0.6274

■ 0.0000, 0.0000,
0.0000

■ 60.8293, 0.3668,
0.3962

■ 60.8293, 0.3668,
0.3962

■ 58.1966, 0.3845,
0.4163

■ 63.6540, 0.3494,
0.3754

■ 55.7397, 0.4019,
0.4348

■ 66.6698, 0.3327,
0.3547

■ 53.4528, 0.4183,
0.4506

■ 69.8861, 0.3170,
0.3346

■ 51.3262, 0.4328,
0.4629

■ 73.3094, 0.3025,
0.3155

■ 49.3488, 0.4448,
0.4707

■ 76.8466, 0.2902,
0.2991

■ 47.5076, 0.4539,
0.4738

■ 79.1983, 0.2903,
0.3036

■ 46.2622, 0.4590,
0.4738

■ 81.6082, 0.2905,
0.3081

■ 84.0766, 0.2906,
0.3126

■ 86.6038, 0.2908,
0.3170

Harmonies

Analogous

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



60.8293, 0.3886, 0.3756



60.8293, 0.3668, 0.3962



60.8293, 0.3312, 0.3985

Triad

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



60.8293, 0.3668, 0.3962



60.8293, 0.2419, 0.3048



60.8293, 0.3304, 0.2862

Complementary

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



60.8293, 0.3668, 0.3962



36.8240, 0.2564, 0.2513

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.



60.8293, 0.2906, 0.2689



60.8293, 0.3668, 0.3962



60.8293, 0.2417, 0.2774

Square

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



60.8293, 0.3668, 0.3962



60.8293, 0.2598, 0.3424



60.8293, 0.2588, 0.2653



60.8293, 0.3673, 0.3134

Rectangle

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



60.8293, 0.3668, 0.3962



60.8293, 0.3048, 0.3874



60.8293, 0.2588, 0.2653



60.8293, 0.3169, 0.2791

Sweetspot

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



60.8321, 0.3668, 0.3962



95.3389, 0.3282, 0.3490



38.5259, 0.3733, 0.3118



20.2713, 0.3305, 0.3519



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.



60.8321, 0.3668, 0.3962



83.4299, 0.3783, 0.4093



64.7035, 0.3451, 0.4155



14.8107, 0.3272, 0.3477



27.5831, 0.4583, 0.4743



1.8995, 0.4508, 0.4803

Inverse Universe

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



36.8240, 0.2564, 0.2513



44.8673, 0.2439, 0.2329



34.3842, 0.2716, 0.2364



13.0254, 0.2981, 0.3096



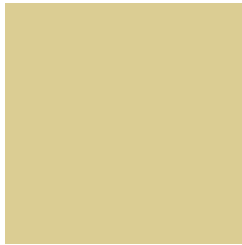
4.1626, 0.1554, 0.0794



0.3904, 0.1635, 0.1085

Previews

White Background



This preview shows how the Yxy color 60.8293, 0.3668, 0.3962 looks on a white background.

Color Contrast Check

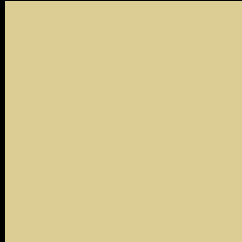
Large Text (above 18pt) WCAG AA × Fail

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 60.8293, 0.3668, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

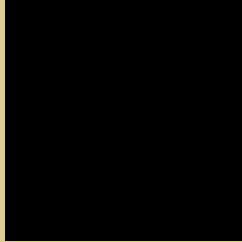
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8293, 0.3668, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 60.8293, 0.3668, 0.3962.



This preview shows how white text looks on a background with the Yxy color 60.8293, 0.3668, 0.3962.

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

60.8293, 0.3668, 0.3962

Protanopia

60.9849, 0.3676, 0.3960

Deuteranopia

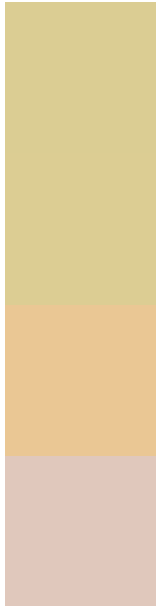
60.7045, 0.3890, 0.3801



Tritanopia

61.0169, 0.3254, 0.3125

Trichromacy



Original Color

60.8293, 0.3668, 0.3962

Protanomaly

60.9849, 0.3676, 0.3960

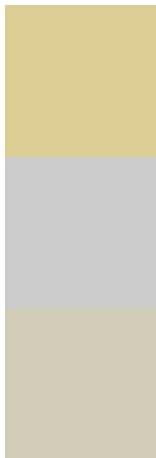
Deuteranomaly

60.4774, 0.3809, 0.3859

Tritanomaly

60.7867, 0.3409, 0.3427

Monochromacy



Original Color

60.8293, 0.3668, 0.3962

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1599, 0.3319, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8293, 0.3668, 0.3962 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(219, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 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(219, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 147) }
```

Border

The CSS property to change the border of an element to Yxy 60.8293, 0.3668, 0.3962 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(219, 205, 147) }
```

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

```
.border{ border-color:rgb(219, 205, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 205, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 205, 147); box-shadow:4px 4px 4px 4px rgb(219, 205, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8293, 0.3668, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 147) }
```

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

```
.background{ background-color: rgb(219,  
205, 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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