

Converting Colors

Yxy(61.7886, 0.3709, 0.3959)

Have a look what the booklet for
Yxy(61.7886, 0.3709, 0.3959)
contains.

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Color

Yxy(61.6165, 0.3710, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	E0CD93
RGB	224, 205, 147
RGB Percent	88%, 80%, 58%
CMY	0.1215, 0.1961, 0.4235
CMYK	0.00, 0.08, 0.34, 0.12
HSL	45°, 55%, 73%
HSV	45°, 34%, 88%
XYZ	57.8434, 61.6165, 36.4523
YIQ	204.0690, 29.9420, -14.0100

Conversions

Conversions Part 2

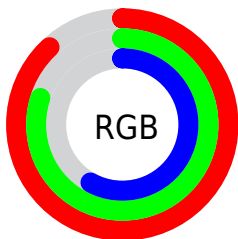
Format	Color
R _Y B	172, 224, 147
Decimal	14732691
CIE Lab	82.71, -1.75, 31.31
CIE LCh	83, 31.364, 93.205
Yxy	61.6165, 0.3710, 0.3952
Android (android.graphics.Color)	4292922771 (0xFFE0CD93)
YUV	204.0690, -28.1350, 17.4795
Hunter-Lab	78.4962, -5.8326, 27.4141

Details

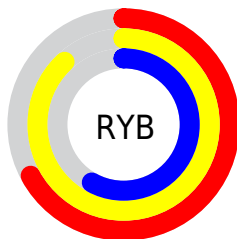
The Yxy color **61.6165, 0.3710, 0.3952** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8716, 0.2541, 0.2524**, and the grayscale version is **60.5999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **31.3026, 0.3849, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **58.3824, 0.3898, 0.4141**, and if you desaturate by 10%, it is **65.0869, 0.3527, 0.3756**.

Distribution



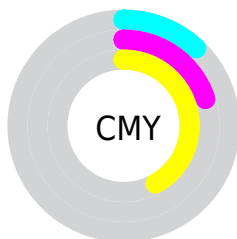
- Red (88%)
- Green (80%)
- Blue (58%)



- Red (67%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6165, 0.3710, 0.3952 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 61.6165, 0.3710, 0.3952 by changing the saturation by 10% instead.

 61.6165, 0.3710,
0.3952


 61.6165, 0.3710,
0.3952


430.5308, 0.3436,
0.3639

 44.7229, 0.3772,
0.4024


 107.1711, 0.3615,
0.3843

 31.2392, 0.3849,
0.4113


 136.6008, 0.3578,
0.3800

 20.7811, 0.3944,
0.4224


170.9781, 0.3546,
0.3764

 12.9641, 0.4066,
0.4368

210.6873, 0.3518,
0.3732

 7.4038, 0.4222,
0.4555

256.1127, 0.3494,
0.3705

 3.7159, 0.4452,
0.4835

307.6389, 0.3473,

 1.5159, 0.4766,

0.3680

0.5234

365.6501, 0.3453,
0.3658

0.2999, 0.4468,
0.5532

0.0000, 0.0000,
0.0000

61.6165, 0.3710,
0.3952

61.6165, 0.3710,
0.3952

58.3824, 0.3898,
0.4141

65.0869, 0.3527,
0.3756

55.3670, 0.4085,
0.4314

68.7933, 0.3354,
0.3560

52.5636, 0.4264,
0.4460

72.7463, 0.3193,
0.3370

49.9611, 0.4425,
0.4568

76.9532, 0.3046,
0.3190

■ 47.5471, 0.4561,
0.4630

■ 81.1592, 0.2936,
0.3061

■ 45.3067, 0.4667,
0.4644

■ 84.3355, 0.2937,
0.3118

■ 44.1096, 0.4717,
0.4637

■ 87.6110, 0.2938,
0.3175

■ 90.9863, 0.2939,
0.3232

■ 94.4625, 0.2940,
0.3287

Harmonies

Analogous

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



61.6165, 0.3907, 0.3727



61.6165, 0.3710, 0.3952



61.6165, 0.3361, 0.4002

Triad

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



61.6165, 0.3710, 0.3952



61.6165, 0.2425, 0.3088



61.6165, 0.3256, 0.2830

Complementary

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



61.6165, 0.3710, 0.3952



38.8716, 0.2541, 0.2524

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.



61.6165, 0.2858, 0.2671



61.6165, 0.3710, 0.3952



61.6165, 0.2400, 0.2795

Square

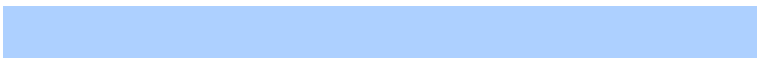
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6165, 0.3710, 0.3952



61.6165, 0.2625, 0.3474



61.6165, 0.2553, 0.2653



61.6165, 0.3639, 0.3094

Rectangle

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



61.6165, 0.3710, 0.3952



61.6165, 0.3095, 0.3909



61.6165, 0.2553, 0.2653



61.6165, 0.3119, 0.2763

Sweetspot

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



61.6193, 0.3710, 0.3952



94.5120, 0.3283, 0.3477



39.4844, 0.3732, 0.3064



20.0702, 0.3306, 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.



61.6193, 0.3710, 0.3952



79.6123, 0.3840, 0.4084



68.3751, 0.3495, 0.4189



15.4260, 0.3273, 0.3466



25.8598, 0.4707, 0.4644



1.9305, 0.4611, 0.4721

Inverse Universe

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



38.8716, 0.2541, 0.2524



44.9052, 0.2411, 0.2338



34.3895, 0.2660, 0.2306



13.7905, 0.2981, 0.3108



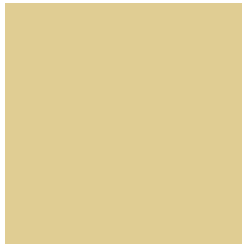
4.8941, 0.1580, 0.0888



0.4793, 0.1662, 0.1182

Previews

White Background



This preview shows how the Yxy color 61.6165, 0.3710, 0.3952 looks on a white background.

Color Contrast Check

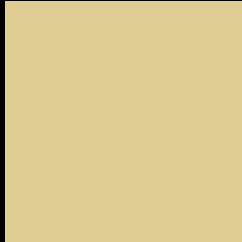
Large Text (above 18pt) WCAG AA × Fail

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 61.6165, 0.3710, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

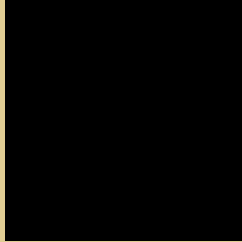
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6165, 0.3710, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 61.6165, 0.3710, 0.3952.



This preview shows how white text looks on a background with the Yxy color 61.6165, 0.3710, 0.3952.

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

61.6165, 0.3710, 0.3952

Protanopia

61.7788, 0.3690, 0.3967

Deuteranopia

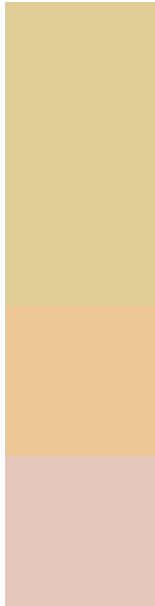
61.3355, 0.3894, 0.3810



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.6165, 0.3710, 0.3952

Protanomaly

61.9372, 0.3698, 0.3965

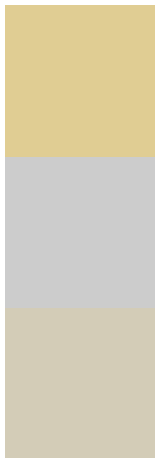
Deuteranomaly

61.4512, 0.3831, 0.3864

Tritanomaly

61.4334, 0.3442, 0.3426

Monochromacy



Original Color

61.6165, 0.3710, 0.3952

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4535, 0.3335, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6165, 0.3710, 0.3952 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(224, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 147) }
```

Border

The CSS property to change the border of an element to Yxy 61.6165, 0.3710, 0.3952 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(224, 205, 147) }
```

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

```
.border{ border-color:rgb(224, 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(224, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6165, 0.3710, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 147) }
```

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

```
.background{ background-color: rgb(224,  
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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