

Converting Colors

Yxy(61.9254, 0.3714, 0.3900)

Have a look what the booklet for
Yxy(61.9254, 0.3714, 0.3900)
contains.

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Color

Yxy(61.7186, 0.3716, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	E3CC96
RGB	227, 204, 150
RGB Percent	89%, 80%, 59%
CMY	0.1098, 0.2000, 0.4117
CMYK	0.00, 0.10, 0.34, 0.11
HSL	42°, 58%, 74%
HSV	42°, 34%, 89%
XYZ	58.7766, 61.7186, 37.6765
YIQ	204.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

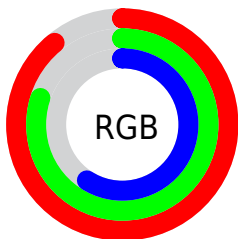
Format	Color
RYB	183, 227, 150
Decimal	14929046
CIELab	82.76, 0.28, 29.87
CIELCh	83, 29.873, 89.467
Yxy	61.7186, 0.3716, 0.3902
Android (android.graphics.Color)	4293119126 (0xFFE3CC96)
YUV	204.7210, -26.9775, 19.5387
Hunter-Lab	78.5612, -3.9349, 26.5584

Details

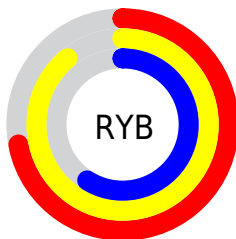
The Yxy color $61.7186, 0.3716, 0.3902$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.9225, 0.2557, 0.2589$, and the grayscale version is $61.0258, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1878, 0.3424, 0.3780$, and $31.3715, 0.3860, 0.4042$ is the 20% darker color. If you saturate the color by 10%, you get $57.9063, 0.3915, 0.4081$, and if you desaturate by 10%, it is $65.8185, 0.3526, 0.3717$.

Distribution



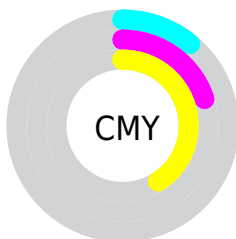
- Red (89%)
- Green (80%)
- Blue (59%)



- Red (72%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7186, 0.3716, 0.3902 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 61.7186, 0.3716, 0.3902 by changing the saturation by 10% instead.


 61.7186, 0.3716,
0.3902

 61.7186, 0.3716,
0.3902

430.9039, 0.3438,
0.3614

 44.8054, 0.3780,
0.3968

 107.3187, 0.3619,
0.3802

 31.3041, 0.3858,
0.4049

 136.7744, 0.3582,
0.3763

 20.8306, 0.3957,
0.4151


171.1797, 0.3549,
0.3729

 13.0002, 0.4083,
0.4282

210.9190, 0.3521,
0.3700

 7.4287, 0.4249,
0.4452

256.3766, 0.3497,
0.3674

 3.7316, 0.4483,
0.4693

307.9371, 0.3475,

 1.5246, 0.4890,

0.3652

0.5110

365.9847, 0.3456,
0.3632

0.3059, 0.4931,
0.5069

0.0000, 0.0000,
0.0000

61.7186, 0.3716,
0.3902

61.7186, 0.3716,
0.3902

57.9063, 0.3915,
0.4081

65.8185, 0.3526,
0.3717

54.3632, 0.4117,
0.4245

70.2068, 0.3349,
0.3534

51.0812, 0.4314,
0.4384

74.8951, 0.3187,
0.3357

48.0483, 0.4497,
0.4485

79.8916, 0.3039,
0.3189

45.2509, 0.4656,
0.4541

84.6432, 0.2955,
0.3116

42.6727, 0.4785,
0.4546

88.6636, 0.2956,
0.3186

41.1956, 0.4851,
0.4530

92.8341, 0.2957,
0.3254

95.0703, 0.2958,
0.3290

Harmonies

Analogous

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



61.7186, 0.3879, 0.3674



61.7186, 0.3716, 0.3902



61.7186, 0.3398, 0.3972

Triad

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



61.7186, 0.3716, 0.3902



61.7186, 0.2472, 0.3142



61.7186, 0.3202, 0.2825

Complementary

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



61.7186, 0.3716, 0.3902



41.9225, 0.2557, 0.2589

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.



61.7186, 0.2829, 0.2688



61.7186, 0.3716, 0.3902



61.7186, 0.2426, 0.2846

Square

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



61.7186, 0.3716, 0.3902



61.7186, 0.2683, 0.3512



61.7186, 0.2552, 0.2690



61.7186, 0.3574, 0.3068

Rectangle

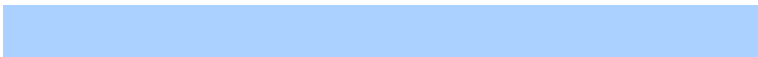
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7186, 0.3716, 0.3902



61.7186, 0.3145, 0.3901



61.7186, 0.2552, 0.2690



61.7186, 0.3072, 0.2765

Sweetspot

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



61.7214, 0.3716, 0.3902



93.7018, 0.3285, 0.3465



41.1706, 0.3681, 0.3023



19.8735, 0.3308, 0.3490



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.



61.7214, 0.3716, 0.3902



76.6668, 0.3862, 0.4035



71.0764, 0.3520, 0.4169



16.0522, 0.3275, 0.3454



24.2393, 0.4839, 0.4540



1.9516, 0.4722, 0.4633

Inverse Universe

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



41.9225, 0.2557, 0.2589



47.0698, 0.2421, 0.2406



35.4085, 0.2636, 0.2312



14.5853, 0.2981, 0.3120



5.8092, 0.1611, 0.0998



0.5873, 0.1691, 0.1287

Previews

White Background



This preview shows how the Yxy color 61.7186, 0.3716, 0.3902 looks on a white background.

Color Contrast Check

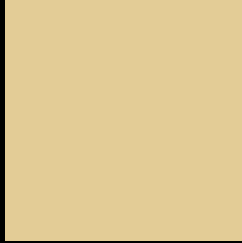
Large Text (above 18pt) WCAG AA × Fail

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 61.7186, 0.3716, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

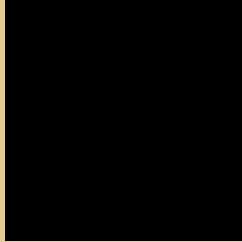
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

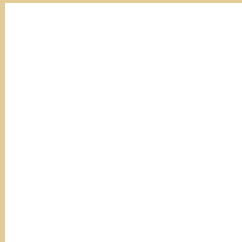
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7186, 0.3716, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 61.7186, 0.3716, 0.3902.



This preview shows how white text looks on a background with the Yxy color 61.7186, 0.3716, 0.3902.

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

61.7186, 0.3716, 0.3902

Protanopia

61.7491, 0.3652, 0.3923

Deuteranopia

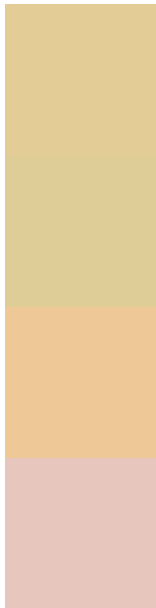
61.8556, 0.3874, 0.3799



Tritanopia

61.6754, 0.3318, 0.3128

Trichromacy



Original Color

61.7186, 0.3716, 0.3902

Protanomaly

61.5850, 0.3672, 0.3909

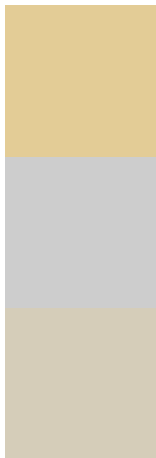
Deuteranomaly

61.7201, 0.3816, 0.3829

Tritanomaly

61.5099, 0.3461, 0.3402

Monochromacy



Original Color

61.7186, 0.3716, 0.3902

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3116, 0.3335, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7186, 0.3716, 0.3902 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(227, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 150)  
}
```

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(227, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 150) }
```

Border

The CSS property to change the border of an element to Yxy 61.7186, 0.3716, 0.3902 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(227, 204, 150) }
```

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

```
.border{ border-color:rgb(227, 204, 150) }
```

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

Here you see how a box with a 4 pixel rgb(227, 204, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7186, 0.3716, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 150) }
```

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

```
.background{ background-color: rgb(227,  
204, 150) }
```

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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