

Converting Colors

Yxy(65.9790, 0.3464, 0.3603)

Have a look what the booklet for
Yxy(65.9790, 0.3464, 0.3603)
contains.

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Color

Yxy(65.9646, 0.3467, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	E4D2B6
RGB	228, 210, 182
RGB Percent	89%, 82%, 71%
CMY	0.1061, 0.1764, 0.2863
CMYK	0.00, 0.08, 0.20, 0.11
HSL	37°, 46%, 80%
HSV	37°, 20%, 89%
XYZ	63.4747, 65.9646, 53.6432
YIQ	212.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

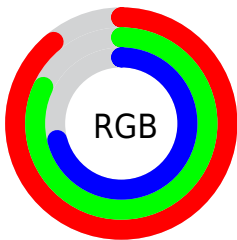
Format	Color
RYB	212, 228, 182
Decimal	14996150
CIELab	84.98, 1.79, 16.14
CIElCh	85, 16.239, 83.667
Yxy	65.9646, 0.3467, 0.3603
Android (android.graphics.Color)	4293186230 (0xFFE4D2B6)
YUV	212.1900, -14.8837, 13.8654
Hunter-Lab	81.2186, -2.6296, 17.6932

Details

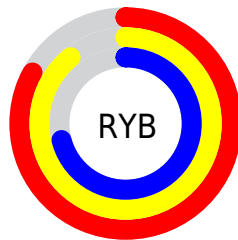
The Yxy color **65.9646, 0.3467, 0.3603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8244, 0.2805, 0.2956**, and the grayscale version is **66.0608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **34.1326, 0.3548, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **60.8279, 0.3664, 0.3766**, and if you desaturate by 10%, it is **71.5049, 0.3289, 0.3444**.

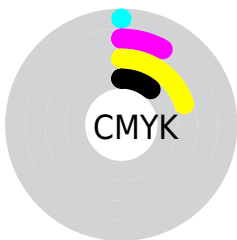
Distribution



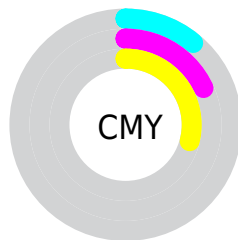
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (83%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9646, 0.3467, 0.3603 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 65.9646, 0.3467, 0.3603 by changing the saturation by 10% instead.


 65.9646, 0.3467,
0.3603

 65.9646, 0.3467,
0.3603

446.2503, 0.3307,
0.3456

 48.2437, 0.3504,
0.3637


 113.4355, 0.3411,
0.3552

 34.0199, 0.3551,
0.3679


143.9543, 0.3389,
0.3532

 22.9089, 0.3610,
0.3732


179.5078, 0.3371,
0.3515

 14.5262, 0.3688,
0.3802

220.4805, 0.3354,
0.3500

 8.4876, 0.3795,
0.3897

267.2566, 0.3340,
0.3487

 4.4085, 0.3951,
0.4033

320.2207, 0.3328,

 1.9046, 0.4219,

0.3476

0.4265

379.7571, 0.3317,
0.3466

■ 0.5511, 0.5073,
0.4927

■ 0.0000, 0.0000,
0.0000

■ 65.9646, 0.3467,
0.3603

■ 65.9646, 0.3467,
0.3603

■ 60.8279, 0.3664,
0.3766

■ 71.5049, 0.3289,
0.3444

■ 56.0746, 0.3877,
0.3927

■ 77.4507, 0.3130,
0.3292

■ 51.6957, 0.4103,
0.4079

■ 83.8152, 0.2988,
0.3150

■ 47.6781, 0.4335,
0.4211

■ 89.3810, 0.2962,
0.3195

■ 44.0078, 0.4562,
0.4310

■ 94.9125, 0.2964,
0.3285

■ 40.6693, 0.4773,
0.4367

■ 95.2269, 0.2964,
0.3290

■ 37.6446, 0.4956,
0.4371

■ 34.9475, 0.5105,
0.4329

Harmonies

Analogous

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



65.9646, 0.3529, 0.3477



65.9646, 0.3467, 0.3603



65.9646, 0.3314, 0.3648

Triad

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



65.9646, 0.3467, 0.3603



65.9646, 0.2787, 0.3255



65.9646, 0.3130, 0.3014

Complementary

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



65.9646, 0.3467, 0.3603



56.8244, 0.2805, 0.2956

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.



65.9646, 0.2935, 0.2953



65.9646, 0.3467, 0.3603



65.9646, 0.2742, 0.3085

Square

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



65.9646, 0.3467, 0.3603



65.9646, 0.2922, 0.3443



65.9646, 0.2795, 0.2977



65.9646, 0.3331, 0.3142

Rectangle

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



65.9646, 0.3467, 0.3603



65.9646, 0.3182, 0.3621



65.9646, 0.2795, 0.2977



65.9646, 0.3062, 0.2985

Sweetspot

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



65.9676, 0.3467, 0.3603



95.3023, 0.3221, 0.3380



54.1317, 0.3372, 0.3084



20.2917, 0.3232, 0.3390



0.0000, 0.0000, 0.0000



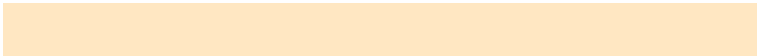
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9676, 0.3467, 0.3603



82.3614, 0.3543, 0.3668



74.5858, 0.3396, 0.3797



15.8232, 0.3277, 0.3433



20.4254, 0.5087, 0.4343



1.6887, 0.4922, 0.4474

Inverse Universe

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



56.8244, 0.2805, 0.2956



68.6433, 0.2738, 0.2881



49.5699, 0.2825, 0.2740



14.8052, 0.2981, 0.3143



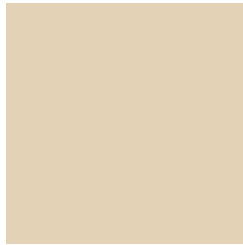
7.5736, 0.1678, 0.1239



0.7360, 0.1758, 0.1530

Previews

White Background



This preview shows how the Yxy color 65.9646, 0.3467, 0.3603 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 65.9646, 0.3467, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

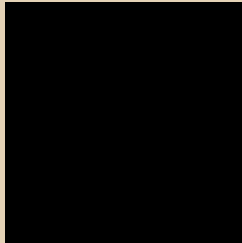
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9646, 0.3467, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 65.9646, 0.3467, 0.3603.



This preview shows how white text looks on a background with the Yxy color 65.9646, 0.3467, 0.3603.

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

65.9646, 0.3467, 0.3603

Protanopia

66.1938, 0.3417, 0.3617

Deuteranopia

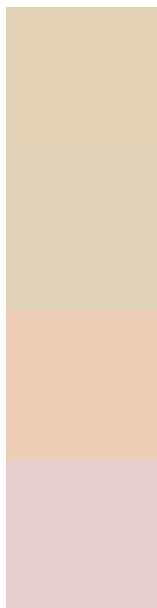
65.6593, 0.3594, 0.3517



Tritanopia

66.2067, 0.3226, 0.3119

Trichromacy



Original Color

65.9646, 0.3467, 0.3603

Protanomaly

66.0150, 0.3434, 0.3605

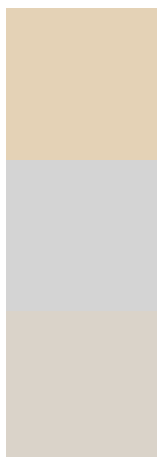
Deuteranomaly

65.7387, 0.3549, 0.3541

Tritanomaly

66.1196, 0.3311, 0.3291

Monochromacy



Original Color

65.9646, 0.3467, 0.3603

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7110, 0.3250, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9646, 0.3467, 0.3603 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(228, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 182)  
}
```

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(228, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 182) }
```

Border

The CSS property to change the border of an element to Yxy 65.9646, 0.3467, 0.3603 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(228, 210, 182) }
```

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

```
.border{ border-color:rgb(228, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9646, 0.3467, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 182) }
```

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

```
.background{ background-color: rgb(228,  
210, 182) }
```

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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