

Converting Colors

Yxy(64.0446, 0.3487, 0.3698)

Have a look what the booklet for
Yxy(64.0446, 0.3487, 0.3698)
contains.

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Color

Yxy(64.1477, 0.3488, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	DED1AD
RGB	222, 209, 173
RGB Percent	87%, 82%, 68%
CMY	0.1296, 0.1803, 0.3216
CMYK	0.00, 0.06, 0.22, 0.13
HSL	44°, 43%, 77%
HSV	44°, 22%, 87%
XYZ	60.4559, 64.1477, 48.7217
YIQ	208.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

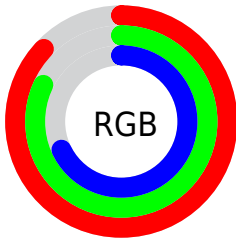
Format	Color
RYB	191, 222, 173
Decimal	14602669
CIELab	84.04, -1.22, 19.51
CIELCh	84, 19.551, 93.568
Yxy	64.1477, 0.3488, 0.3701
Android (android.graphics.Color)	4292792749 (0xFFDED1AD)
YUV	208.7830, -17.6410, 11.5913
Hunter-Lab	80.0923, -5.4247, 19.9973

Details

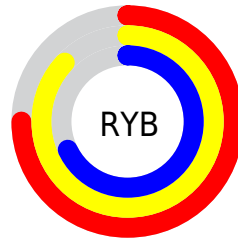
The Yxy color $64.1477, 0.3488, 0.3701$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49.2372, 0.2768, 0.2842$, and the grayscale version is $63.7169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $32.9302, 0.3566, 0.3801$ is the 20% darker color. If you saturate the color by 10%, you get $60.5373, 0.3671, 0.3894$, and if you desaturate by 10%, it is $68.0124, 0.3316, 0.3510$.

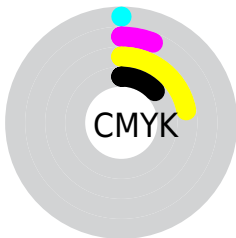
Distribution



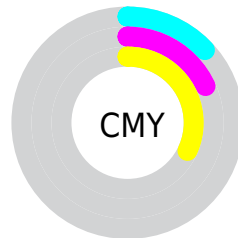
- Red (87%)
- Green (82%)
- Blue (68%)



- Red (75%)
- Yellow (87%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1477, 0.3488, 0.3701 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 64.1477, 0.3488, 0.3701 by changing the saturation by 10% instead.

■ 64.1477, 0.3488,
0.3701

■ 64.1477, 0.3488,
0.3701

439.7228, 0.3318,
0.3506

■ 46.7703, 0.3527,
0.3746

■ 110.8236, 0.3428,
0.3633

■ 32.8541, 0.3576,
0.3803

140.8909, 0.3405,
0.3606

■ 22.0147, 0.3639,
0.3875

175.9570, 0.3386,
0.3584

■ 13.8677, 0.3720,
0.3970

216.4063, 0.3369,
0.3564

■ 8.0287, 0.3831,
0.4100

262.6231, 0.3354,
0.3547

■ 4.1133, 0.3989,
0.4287

314.9919, 0.3340,

■ 1.7372, 0.4373,

0.3532

0.4733

373.8970, 0.3329,
0.3518

0.4475, 0.4692,
0.5308

0.0000, 0.0000,
0.0000

64.1477, 0.3488,
0.3701

64.1477, 0.3488,
0.3701

60.5373, 0.3671,
0.3894

68.0124, 0.3316,
0.3510

57.1645, 0.3861,
0.4082

72.1305, 0.3158,
0.3327

54.0233, 0.4054,
0.4256

76.5121, 0.3014,
0.3153

51.1042, 0.4241,
0.4406

80.7205, 0.2922,
0.3058

■ 48.3966, 0.4413,
0.4521

■ 84.0849, 0.2924,
0.3119

■ 45.8884, 0.4563,
0.4592

■ 87.5605, 0.2926,
0.3179

■ 43.5656, 0.4683,
0.4614

■ 91.1484, 0.2927,
0.3239

■ 41.8360, 0.4760,
0.4603

■ 94.2625, 0.2929,
0.3289

Harmonies

Analogous

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



64.1477, 0.3606, 0.3573



64.1477, 0.3488, 0.3701



64.1477, 0.3275, 0.3718

Triad

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



64.1477, 0.3488, 0.3701



64.1477, 0.2685, 0.3171



64.1477, 0.3213, 0.3000

Complementary

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



64.1477, 0.3488, 0.3701



49.2372, 0.2768, 0.2842

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.



64.1477, 0.2966, 0.2898



64.1477, 0.3488, 0.3701



64.1477, 0.2669, 0.2986

Square

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



64.1477, 0.3488, 0.3701



64.1477, 0.2814, 0.3402



64.1477, 0.2770, 0.2890



64.1477, 0.3444, 0.3173

Rectangle

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



64.1477, 0.3488, 0.3701



64.1477, 0.3110, 0.3658



64.1477, 0.2770, 0.2890



64.1477, 0.3129, 0.2957

Sweetspot

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



64.1506, 0.3488, 0.3701



95.9321, 0.3235, 0.3417



48.9507, 0.3457, 0.3139



20.4601, 0.3245, 0.3429



0.0000, 0.0000, 0.0000



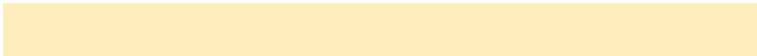
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1506, 0.3488, 0.3701



85.7734, 0.3562, 0.3781



69.0146, 0.3372, 0.3854



15.3849, 0.3274, 0.3462



25.0516, 0.4750, 0.4611



1.8803, 0.4645, 0.4694

Inverse Universe

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



49.2372, 0.2768, 0.2842



62.2445, 0.2694, 0.2745



45.3939, 0.2845, 0.2691



13.8291, 0.2981, 0.3112



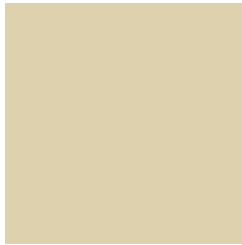
5.1235, 0.1590, 0.0923



0.4998, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 64.1477, 0.3488, 0.3701 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 64.1477, 0.3488, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

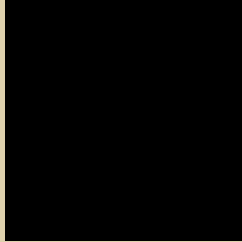
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1477, 0.3488, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 64.1477, 0.3488, 0.3701.



This preview shows how white text looks on a background with the Yxy color 64.1477, 0.3488, 0.3701.

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

64.1477, 0.3488, 0.3701

Protanopia

64.1477, 0.3488, 0.3701

Deuteranopia

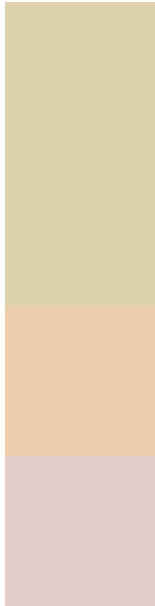
64.1743, 0.3662, 0.3594



Tritanopia

64.3203, 0.3204, 0.3116

Trichromacy



Original Color

64.1477, 0.3488, 0.3701

Protanomaly

64.1477, 0.3488, 0.3701

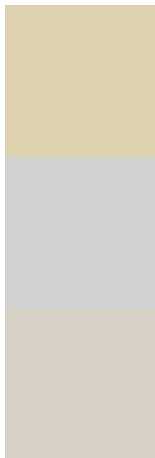
Deuteranomaly

64.3808, 0.3596, 0.3633

Tritanomaly

64.0957, 0.3311, 0.3324

Monochromacy



Original Color

64.1477, 0.3488, 0.3701

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8826, 0.3257, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1477, 0.3488, 0.3701 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(222, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 173)  
}
```

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(222, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 173) }
```

Border

The CSS property to change the border of an element to Yxy 64.1477, 0.3488, 0.3701 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(222, 209, 173) }
```

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

```
.border{ border-color:rgb(222, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1477, 0.3488, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 173) }
```

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

```
.background{ background-color: rgb(222,  
209, 173) }
```

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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