

Converting Colors

Yxy(63.9863, 0.3283, 0.3404)

Have a look what the booklet for
Yxy(63.9863, 0.3283, 0.3404)
contains.

Yxy(64.2490, 0.3282, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2490, 0.3282, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	DBD0C6
RGB	219, 208, 198
RGB Percent	86%, 82%, 78%
CMY	0.1414, 0.1842, 0.2236
CMYK	0.00, 0.05, 0.10, 0.14
HSL	29°, 23%, 82%
HSV	29°, 10%, 86%
XYZ	61.9463, 64.2490, 62.5503
YIQ	210.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

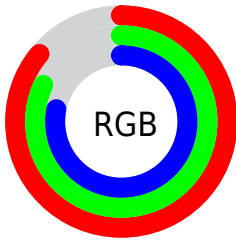
Format	Color
RYB	219, 217, 198
Decimal	14405830
CIELab	84.10, 2.06, 6.32
CIElCh	84, 6.646, 71.930
Yxy	64.2490, 0.3282, 0.3404
Android (android.graphics.Color)	4292595910 (0xFFDBD0C6)
YUV	210.1490, -5.9895, 7.7623
Hunter-Lab	80.1555, -2.3225, 9.8412

Details

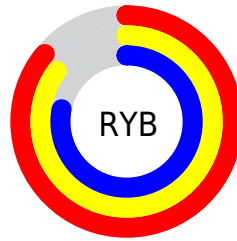
The Yxy color **64.2490, 0.3282, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6622, 0.2980, 0.3173**, and the grayscale version is **64.5829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0173, 0.3323, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **57.9526, 0.3467, 0.3530**, and if you desaturate by 10%, it is **71.0965, 0.3121, 0.3285**.

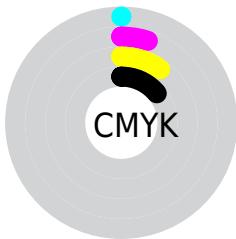
Distribution



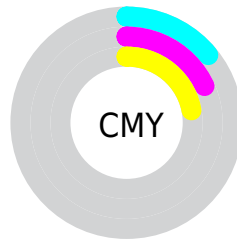
- Red (86%)
- Green (82%)
- Blue (78%)



- Red (86%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2490, 0.3282, 0.3404 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 64.2490, 0.3282, 0.3404 by changing the saturation by 10% instead.

■ 64.2490, 0.3282,
0.3404

■ 64.2490, 0.3282,
0.3404

440.0883, 0.3209,
0.3350

■ 46.8524, 0.3299,
0.3416

110.9695, 0.3256,
0.3385

■ 32.9190, 0.3321,
0.3432

141.0621, 0.3246,
0.3378

■ 22.0644, 0.3349,
0.3452

176.1555, 0.3238,
0.3372

■ 13.9042, 0.3386,
0.3478

216.6341, 0.3230,
0.3366

■ 8.0541, 0.3438,
0.3515

262.8823, 0.3224,
0.3362

■ 4.1296, 0.3515,
0.3569

315.2844, 0.3218,

■ 1.7463, 0.3645,

0.3357

374.2250, 0.3213,
0.3354

0.3658

0.4534, 0.4878,
0.4596

0.0000, 0.0000,
0.0000

64.2490, 0.3282,
0.3404

64.2490, 0.3282,
0.3404

57.9526, 0.3467,
0.3530

71.0965, 0.3121,
0.3285

52.1844, 0.3678,
0.3660

78.5007, 0.2981,
0.3174

46.9318, 0.3915,
0.3789

85.9072, 0.2907,
0.3158

42.1788, 0.4175,
0.3911

92.9136, 0.2911,
0.3275

■ 37.9081, 0.4454,
0.4016

■ 93.7904, 0.2911,
0.3289

■ 34.1013, 0.4740,
0.4090

■ 30.7384, 0.5017,
0.4122

■ 27.7969, 0.5266,
0.4101

■ 25.2458, 0.5476,
0.4031

Harmonies

Analogous

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



64.2490, 0.3289, 0.3344



64.2490, 0.3282, 0.3404



64.2490, 0.3233, 0.3434

Triad

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



64.2490, 0.3282, 0.3404



64.2490, 0.3004, 0.3308



64.2490, 0.3097, 0.3159

Complementary

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



64.2490, 0.3282, 0.3404



62.6622, 0.2980, 0.3173

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.



64.2490, 0.3021, 0.3148



64.2490, 0.3282, 0.3404



64.2490, 0.2968, 0.3233

Square

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



64.2490, 0.3282, 0.3404



64.2490, 0.3072, 0.3379



64.2490, 0.2975, 0.3175



64.2490, 0.3181, 0.3204

Rectangle

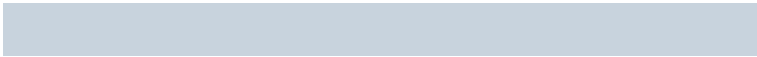
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.2490, 0.3282, 0.3404



64.2490, 0.3184, 0.3433



64.2490, 0.2975, 0.3175



64.2490, 0.3069, 0.3152

Sweetspot

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



64.2518, 0.3282, 0.3404



97.0022, 0.3174, 0.3325



60.0413, 0.3210, 0.3164



20.5936, 0.3187, 0.3335



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.



64.2518, 0.3282, 0.3404



89.3572, 0.3309, 0.3423



69.3936, 0.3270, 0.3517



14.0763, 0.3280, 0.3402



15.1354, 0.5460, 0.4046



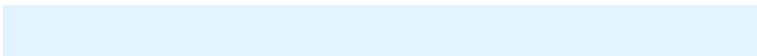
1.1525, 0.5200, 0.4253

Inverse Universe

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



62.6622, 0.2980, 0.3173



86.7815, 0.2956, 0.3154



57.8141, 0.2979, 0.3053



13.7332, 0.2982, 0.3175



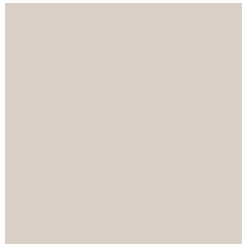
10.3916, 0.1793, 0.1655



0.8455, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 64.2490, 0.3282, 0.3404 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 64.2490, 0.3282, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

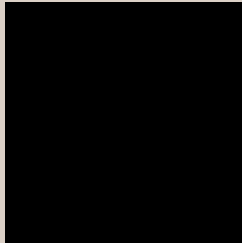
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

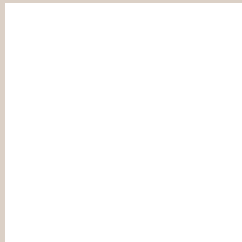
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2490, 0.3282, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 64.2490, 0.3282, 0.3404.

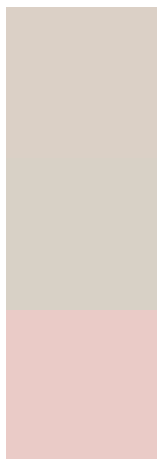


This preview shows how white text looks on a background with the Yxy color 64.2490, 0.3282, 0.3404.

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

64.2490, 0.3282, 0.3404

Protanopia

64.2771, 0.3258, 0.3416

Deuteranopia

64.3278, 0.3400, 0.3334



Tritanopia

64.4127, 0.3143, 0.3114

Trichromacy



Original Color

64.2490, 0.3282, 0.3404

Protanomaly

64.4299, 0.3266, 0.3415

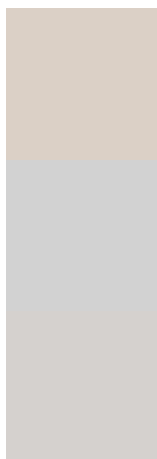
Deuteranomaly

64.4442, 0.3357, 0.3357

Tritanomaly

64.3189, 0.3192, 0.3212

Monochromacy



Original Color

64.2490, 0.3282, 0.3404

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2033, 0.3178, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2490, 0.3282, 0.3404 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, 208, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 198)  
}
```

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, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 198) }
```

Border

The CSS property to change the border of an element to Yxy 64.2490, 0.3282, 0.3404 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, 208, 198) }
```

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

```
.border{ border-color:rgb(219, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(219, 208,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2490, 0.3282, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 198) }
```

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

```
.background{ background-color: rgb(219,  
208, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor