

Converting Colors

$Yxy(63.3555, 0.3366, 0.3424)$

Have a look what the booklet for
Yxy(63.3555, 0.3366, 0.3424)
contains.

Yxy(63.3602, 0.3363, 0.3426)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.3602, 0.3363, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDC1
RGB	224, 205, 193
RGB Percent	88%, 80%, 76%
CMY	0.1216, 0.1960, 0.2433
CMYK	0.00, 0.08, 0.14, 0.12
HSL	23°, 33%, 82%
HSV	23°, 14%, 88%
XYZ	62.1951, 63.3602, 59.3840
YIQ	209.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

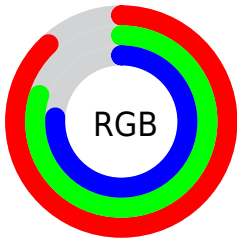
Format	Color
R _Y B	224, 213, 193
Decimal	14732737
CIE Lab	83.63, 4.64, 8.37
CIE LCh	84, 9.573, 61.008
Yxy	63.3602, 0.3363, 0.3426
Android (android.graphics.Color)	4292922817 (0xFFE0CDC1)
YUV	209.3130, -8.0423, 12.8805
Hunter-Lab	79.5991, 0.1732, 11.4868

Details

The Yxy color **63.3602, 0.3363, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7841, 0.2912, 0.3150**, and the grayscale version is **64.0222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **32.4617, 0.3421, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **56.1630, 0.3567, 0.3531**, and if you desaturate by 10%, it is **71.2892, 0.3188, 0.3327**.

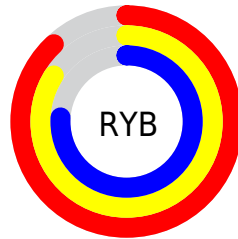
Distribution



Red (88%)

Green (80%)

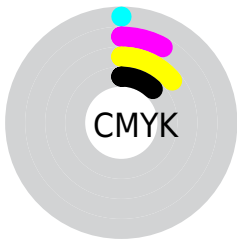
Blue (76%)



Red (88%)

Yellow (84%)

Blue (76%)

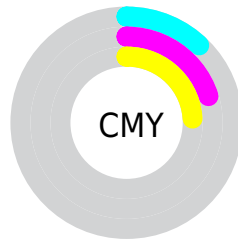


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (12%)



Cyan (12%)


Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3602, 0.3363, 0.3426 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 63.3602, 0.3363, 0.3426 by changing the saturation by 10% instead.


 63.3602, 0.3363,
0.3426

 63.3602, 0.3363,
0.3426


436.8755, 0.3251,
0.3362

 46.1327, 0.3390,
0.3441


 109.6890, 0.3323,
0.3404

 32.3505, 0.3423,
0.3459


139.5591, 0.3308,
0.3395

 21.6294, 0.3466,
0.3482

174.4121, 0.3295,
0.3388

 13.5848, 0.3523,
0.3513

214.6325, 0.3284,
0.3381

 7.8325, 0.3603,
0.3555

260.6046, 0.3274,
0.3376

 3.9879, 0.3724,
0.3616

312.7129, 0.3265,

 1.6668, 0.3926,

0.3371

371.3418, 0.3258,
0.3366

0.3712

0.4020, 0.5520,
0.4480

0.0000, 0.0000,
0.0000

63.3602, 0.3363,
0.3426

63.3602, 0.3363,
0.3426

56.1630, 0.3567,
0.3531

71.2892, 0.3188,
0.3327

49.6679, 0.3804,
0.3638

79.9622, 0.3038,
0.3234

43.8549, 0.4074,
0.3742

89.0641, 0.2938,
0.3200

38.7002, 0.4374,
0.3835

94.5879, 0.2940,
0.3289

■ 34.1783, 0.4697,
0.3907

■ 30.2618, 0.5028,
0.3944

■ 26.9209, 0.5341,
0.3935

■ 24.1218, 0.5610,
0.3873

■ 22.6479, 0.5751,
0.3815

Harmonies

Analogous

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



63.3602, 0.3349, 0.3329



63.3602, 0.3363, 0.3426



63.3602, 0.3312, 0.3489

Triad

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



63.3602, 0.3363, 0.3426



63.3602, 0.2981, 0.3355



63.3602, 0.3040, 0.3090

Complementary

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



63.3602, 0.3363, 0.3426



63.7841, 0.2912, 0.3150

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.



63.3602, 0.2944, 0.3093



63.3602, 0.3363, 0.3426



63.3602, 0.2910, 0.3244

Square

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



63.3602, 0.3363, 0.3426



63.3602, 0.3091, 0.3450



63.3602, 0.2897, 0.3149



63.3602, 0.3161, 0.3138

Rectangle

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



63.3602, 0.3363, 0.3426



63.3602, 0.3249, 0.3502



63.3602, 0.2897, 0.3149



63.3602, 0.3003, 0.3085

Sweetspot

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



63.3630, 0.3363, 0.3426



95.4416, 0.3191, 0.3328



58.7324, 0.3233, 0.3077



20.2488, 0.3203, 0.3336



0.0000, 0.0000, 0.0000



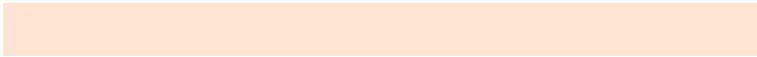
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3630, 0.3363, 0.3426



81.7399, 0.3426, 0.3460



71.0843, 0.3339, 0.3593



14.5681, 0.3282, 0.3381



13.3897, 0.5724, 0.3837



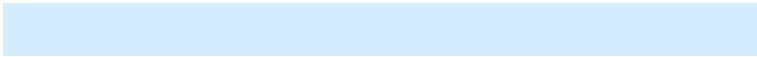
1.0982, 0.5438, 0.4064

Inverse Universe

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



63.7841, 0.2912, 0.3150



82.4208, 0.2861, 0.3114



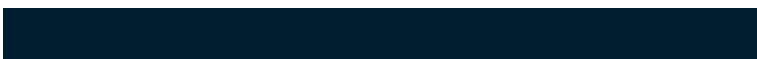
56.4611, 0.2907, 0.2967



14.6328, 0.2981, 0.3197



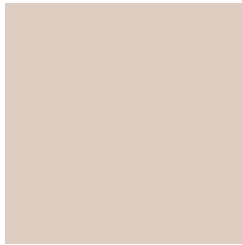
13.7931, 0.1881, 0.1971



1.1283, 0.1944, 0.2196

Previews

White Background



This preview shows how the Yxy color 63.3602, 0.3363, 0.3426 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 63.3602, 0.3363, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

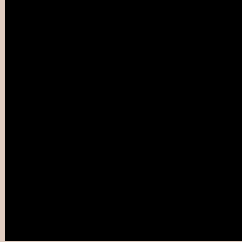
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3602, 0.3363, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 63.3602, 0.3363, 0.3426.



This preview shows how white text looks on a background with the Yxy color 63.3602, 0.3363, 0.3426.

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

63.3602, 0.3363, 0.3426

Protanopia

63.6057, 0.3288, 0.3450

Deuteranopia

63.1608, 0.3442, 0.3368



Tritanopia

63.1139, 0.3213, 0.3115

Trichromacy



Original Color

63.3602, 0.3363, 0.3426

Protanomaly

63.5808, 0.3313, 0.3438

Deuteranomaly

62.9591, 0.3408, 0.3380

Tritanomaly

62.9639, 0.3270, 0.3224

Monochromacy



Original Color

63.3602, 0.3363, 0.3426

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7197, 0.3208, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3602, 0.3363, 0.3426 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 193) }
```

Border

The CSS property to change the border of an element to Yxy 63.3602, 0.3363, 0.3426 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, 193) }
```

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

```
.border{ border-color:rgb(224, 205, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 205, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 205, 193); box-shadow:4px 4px 4px 4px rgb(224, 205, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3602, 0.3363, 0.3426 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, 193) }
```

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

```
.background{ background-color: rgb(224,  
205, 193) }
```

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