

Converting Colors

Yxy(62.9808, 0.3227, 0.3323)

Have a look what the booklet for
Yxy(62.9808, 0.3227, 0.3323)
contains.

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Color

Yxy(63.0533, 0.3225, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D8CECB
RGB	216, 206, 203
RGB Percent	85%, 81%, 80%
CMY	0.1529, 0.1922, 0.2038
CMYK	0.00, 0.05, 0.06, 0.15
HSL	14°, 14%, 82%
HSV	14°, 6%, 85%
XYZ	61.1754, 63.0533, 65.4624
YIQ	208.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

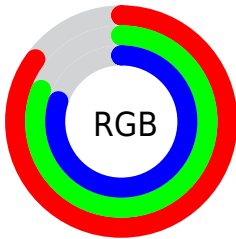
Format	Color
R _Y B	216, 207, 203
Decimal	14208715
CIE Lab	83.47, 2.95, 2.70
CIE LCh	83, 3.998, 42.479
Yxy	63.0533, 0.3225, 0.3324
Android (android.graphics.Color)	4292398795 (0xFFD8CECB)
YUV	208.6480, -2.7845, 6.4477
Hunter-Lab	79.4061, -1.4423, 6.7056

Details

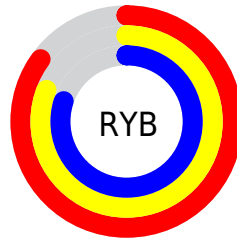
The Yxy color **63.0533, 0.3225, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2703, 0.3035, 0.3256**, and the grayscale version is **63.5380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2035, 0.3247, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **54.4953, 0.3414, 0.3384**, and if you desaturate by 10%, it is **72.6107, 0.3068, 0.3268**.

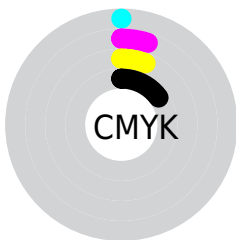
Distribution



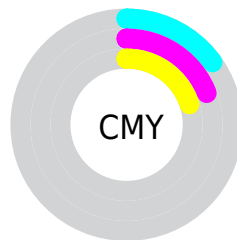
- Red (85%)
- Green (81%)
- Blue (80%)



- Red (85%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0533, 0.3225, 0.3324 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 63.0533, 0.3225, 0.3324 by changing the saturation by 10% instead.

■ 63.0533, 0.3225,
0.3324

■ 63.0533, 0.3225,
0.3324

435.7629, 0.3178,
0.3308

■ 45.8843, 0.3236,
0.3328

109.2464, 0.3209,
0.3318

■ 32.1546, 0.3250,
0.3332

139.0393, 0.3202,
0.3316

■ 21.4796, 0.3267,
0.3338

173.8090, 0.3197,
0.3314

■ 13.4750, 0.3291,
0.3346

213.9399, 0.3192,
0.3313

■ 7.7564, 0.3325,
0.3357

259.8163, 0.3188,
0.3311

■ 3.9395, 0.3375,
0.3373

311.8227, 0.3185,

■ 1.6398, 0.3460,

0.3310

370.3434, 0.3181,
0.3309

0.3398

0.3842, 0.4160,
0.3656

0.0000, 0.0000,
0.0000

63.0533, 0.3225,
0.3324

63.0533, 0.3225,
0.3324

54.4953, 0.3414,
0.3384

72.6107, 0.3068,
0.3268

46.8961, 0.3641,
0.3447

83.1901, 0.2937,
0.3217

40.2245, 0.3912,
0.3511

93.3413, 0.2894,
0.3289

34.4444, 0.4230,
0.3571

■ 29.5175, 0.4593,
0.3621

■ 25.4023, 0.4989,
0.3652

■ 22.0540, 0.5391,
0.3653

■ 19.4230, 0.5758,
0.3616

■ 17.4531, 0.6044,
0.3541

Harmonies

Analogous

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



63.0533, 0.3203, 0.3280



63.0533, 0.3225, 0.3324



63.0533, 0.3220, 0.3360

Triad

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



63.0533, 0.3225, 0.3324



63.0533, 0.3093, 0.3343



63.0533, 0.3064, 0.3204

Complementary

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



63.0533, 0.3225, 0.3324



65.2703, 0.3035, 0.3256

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.



63.0533, 0.3035, 0.3220



63.0533, 0.3225, 0.3324



63.0533, 0.3052, 0.3300

Square

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



63.0533, 0.3225, 0.3324



63.0533, 0.3144, 0.3371



63.0533, 0.3031, 0.3255



63.0533, 0.3110, 0.3211

Rectangle

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



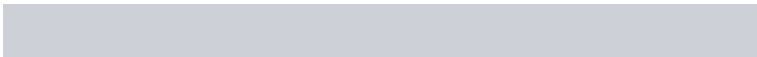
63.0533, 0.3225, 0.3324



63.0533, 0.3203, 0.3374



63.0533, 0.3031, 0.3255



63.0533, 0.3052, 0.3207

Sweetspot

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



63.0560, 0.3225, 0.3324



97.1917, 0.3159, 0.3301



62.1405, 0.3154, 0.3175



20.8325, 0.3157, 0.3301



0.0000, 0.0000, 0.0000



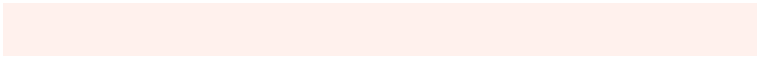
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0560, 0.3225, 0.3324



90.4314, 0.3243, 0.3330



66.1694, 0.3219, 0.3395



13.2329, 0.3252, 0.3333



10.0970, 0.6112, 0.3529



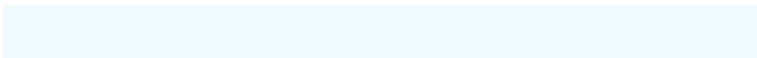
0.7364, 0.5771, 0.3799

Inverse Universe

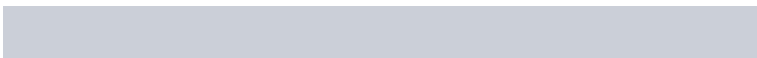
The Inverse Universe completely reimagines the original color for something new.



65.2703, 0.3035, 0.3256



94.1933, 0.3019, 0.3250



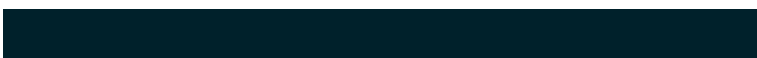
62.1431, 0.3036, 0.3182



13.8218, 0.3011, 0.3247



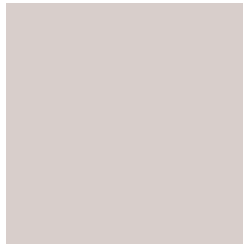
19.3764, 0.2039, 0.2539



1.2891, 0.2079, 0.2684

Previews

White Background



This preview shows how the Yxy color 63.0533, 0.3225, 0.3324 looks on a white background.

Color Contrast Check

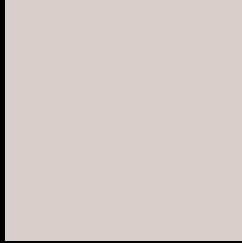
Large Text (above 18pt) WCAG AA × Fail

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 63.0533, 0.3225, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

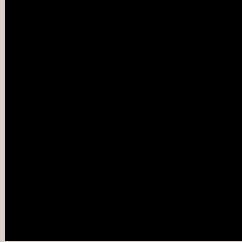
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

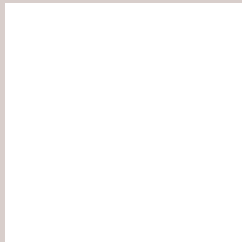
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0533, 0.3225, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 63.0533, 0.3225, 0.3324.

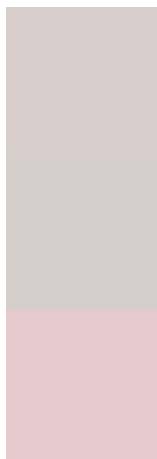


This preview shows how white text looks on a background with the Yxy color 63.0533, 0.3225, 0.3324.

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

63.0533, 0.3225, 0.3324

Protanopia

63.1314, 0.3194, 0.3324

Deuteranopia

62.7909, 0.3325, 0.3258



Tritanopia

62.7318, 0.3128, 0.3112

Trichromacy



Original Color

63.0533, 0.3225, 0.3324

Protanomaly

63.2814, 0.3202, 0.3324

Deuteranomaly

62.9188, 0.3283, 0.3279

Tritanomaly

62.7415, 0.3162, 0.3189

Monochromacy



Original Color

63.0533, 0.3225, 0.3324

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6138, 0.3164, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0533, 0.3225, 0.3324 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(216, 206, 203) looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 203)  
}
```

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(216, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.0533, 0.3225, 0.3324 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(216, 206, 203) }
```

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

```
.border{ border-color:rgb(216, 206, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 206, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 206, 203); box-shadow:4px 4px 4px 4px rgb(216, 206, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0533, 0.3225, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 203) }
```

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

```
.background{ background-color: rgb(216,  
206, 203) }
```

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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