

Converting Colors

Yxy(63.4381, 0.3286, 0.3479)

Have a look what the booklet for
Yxy(63.4381, 0.3286, 0.3479)
contains.

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Color

Yxy(63.2137, 0.3287, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	D6D0C0
RGB	214, 208, 192
RGB Percent	84%, 82%, 75%
CMY	0.1609, 0.1843, 0.2472
CMYK	0.00, 0.03, 0.10, 0.16
HSL	44°, 21%, 80%
HSV	44°, 10%, 84%
XYZ	59.7938, 63.2137, 58.9024
YIQ	207.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

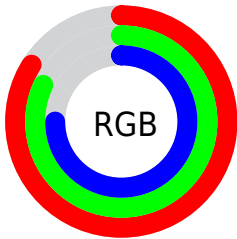
Format	Color
RYB	200, 214, 192
Decimal	14078144
CIELab	83.55, -0.69, 8.68
CIELCh	84, 8.711, 94.536
Yxy	63.2137, 0.3287, 0.3475
Android (android.graphics.Color)	4292268224 (0xFFD6D0C0)
YUV	207.9700, -7.8732, 5.2883
Hunter-Lab	79.5070, -4.8952, 11.7302

Details

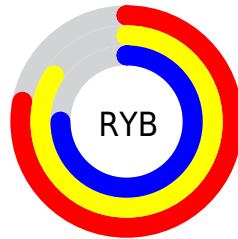
The Yxy color **63.2137, 0.3287, 0.3475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4139, 0.2968, 0.3098**, and the grayscale version is **63.1023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **32.3462, 0.3320, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **59.5610, 0.3456, 0.3663**, and if you desaturate by 10%, it is **67.1131, 0.3131, 0.3295**.

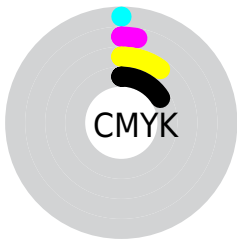
Distribution



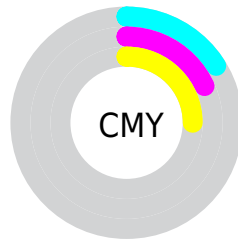
- Red (84%)
- Green (82%)
- Blue (75%)



- Red (78%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2137, 0.3287, 0.3475 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 63.2137, 0.3287, 0.3475 by changing the saturation by 10% instead.

■ 63.2137, 0.3287,
0.3475

■ 63.2137, 0.3287,
0.3475

436.3446, 0.3211,
0.3387

■ 46.0141, 0.3305,
0.3496

■ 109.4778, 0.3260,
0.3444

■ 32.2570, 0.3327,
0.3522

139.3110, 0.3250,
0.3432

■ 21.5578, 0.3356,
0.3555

174.1243, 0.3241,
0.3422

■ 13.5324, 0.3394,
0.3600

214.3020, 0.3234,
0.3413

■ 7.7962, 0.3447,
0.3662

260.2284, 0.3227,
0.3405

■ 3.9648, 0.3527,
0.3756

312.2881, 0.3221,

■ 1.6539, 0.3657,

0.3399

0.3911

370.8654, 0.3216,
0.3392

0.3935, 0.4758,
0.5242

0.0000, 0.0000,
0.0000

63.2137, 0.3287,
0.3475

63.2137, 0.3287,
0.3475

59.5610, 0.3456,
0.3663

67.1131, 0.3131,
0.3295

56.1397, 0.3638,
0.3853

71.2576, 0.2990,
0.3125

52.9450, 0.3828,
0.4041

75.5810, 0.2869,
0.2979

49.9691, 0.4022,
0.4217

78.7755, 0.2872,
0.3041

47.2033, 0.4212,
0.4371

82.0775, 0.2875,
0.3102

44.6378, 0.4390,
0.4492

85.4880, 0.2877,
0.3163

42.2621, 0.4548,
0.4571

89.0079, 0.2880,
0.3223

40.0634, 0.4676,
0.4601

92.6384, 0.2882,
0.3283

38.0756, 0.4776,
0.4590

93.0324, 0.2883,
0.3289

Harmonies

Analogous

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



63.2137, 0.3339, 0.3423



63.2137, 0.3287, 0.3475



63.2137, 0.3192, 0.3477

Triad

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



63.2137, 0.3287, 0.3475



63.2137, 0.2925, 0.3237



63.2137, 0.3171, 0.3159

Complementary

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



63.2137, 0.3287, 0.3475



56.4139, 0.2968, 0.3098

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.



63.2137, 0.3060, 0.3111



63.2137, 0.3287, 0.3475



63.2137, 0.2919, 0.3153

Square

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



63.2137, 0.3287, 0.3475



63.2137, 0.2984, 0.3338



63.2137, 0.2968, 0.3108



63.2137, 0.3272, 0.3241

Rectangle

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



63.2137, 0.3287, 0.3475



63.2137, 0.3118, 0.3449



63.2137, 0.2968, 0.3108



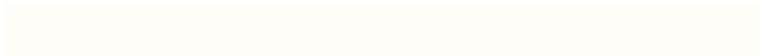
63.2137, 0.3133, 0.3138

Sweetspot

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



63.2165, 0.3287, 0.3475



98.2021, 0.3173, 0.3344



56.0665, 0.3259, 0.3218



20.9177, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



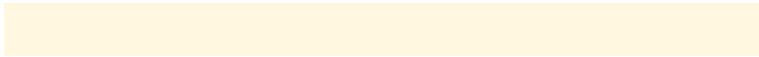
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2165, 0.3287, 0.3475



93.0089, 0.3317, 0.3509



65.4709, 0.3243, 0.3545



13.9245, 0.3273, 0.3459



23.2007, 0.4765, 0.4598



1.5332, 0.4645, 0.4694

Inverse Universe

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



56.4139, 0.2968, 0.3098



81.2328, 0.2938, 0.3061



54.3763, 0.3004, 0.3028



12.5505, 0.2982, 0.3115



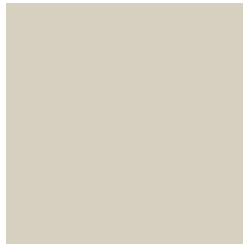
4.9102, 0.1595, 0.0941



0.4337, 0.1690, 0.1284

Previews

White Background



This preview shows how the Yxy color 63.2137, 0.3287, 0.3475 looks on a white background.

Color Contrast Check

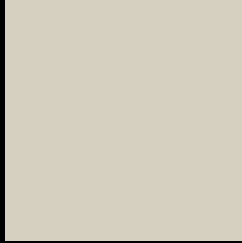
Large Text (above 18pt) WCAG AA × Fail

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 63.2137, 0.3287, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

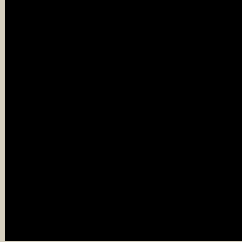
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

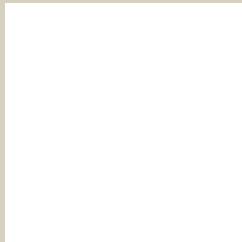
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2137, 0.3287, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 63.2137, 0.3287, 0.3475.



This preview shows how white text looks on a background with the Yxy color 63.2137, 0.3287, 0.3475.

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

63.2137, 0.3287, 0.3475

Protanopia

63.0303, 0.3304, 0.3462

Deuteranopia

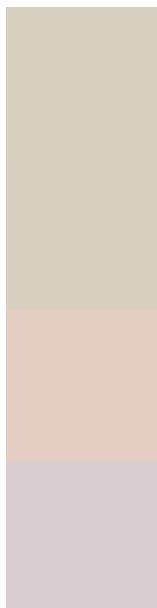
63.1160, 0.3450, 0.3379



Tritanopia

63.2585, 0.3120, 0.3112

Trichromacy



Original Color

63.2137, 0.3287, 0.3475

Protanomaly

62.8785, 0.3296, 0.3463

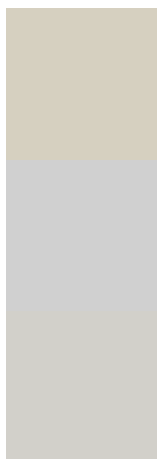
Deuteranomaly

63.3669, 0.3388, 0.3414

Tritanomaly

63.0675, 0.3183, 0.3234

Monochromacy



Original Color

63.2137, 0.3287, 0.3475

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0777, 0.3184, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2137, 0.3287, 0.3475 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(214, 208, 192) looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 192)  
}
```

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(214, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.2137, 0.3287, 0.3475 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(214, 208, 192) }
```

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

```
.border{ border-color:rgb(214, 208, 192) }
```

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

Here you see how a box with a 4 pixel rgb(214, 208, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2137, 0.3287, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 192) }
```

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

```
.background{ background-color: rgb(214,  
208, 192) }
```

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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