

Converting Colors

Yxy(66.8289, 0.3315, 0.3523)

Have a look what the booklet for
Yxy(66.8289, 0.3315, 0.3523)
contains.

Yxy(67.0035, 0.3310, 0.3527)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.0035, 0.3310, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	DBD6C1
RGB	219, 214, 193
RGB Percent	86%, 84%, 76%
CMY	0.1413, 0.1607, 0.2430
CMYK	0.00, 0.02, 0.12, 0.14
HSL	49°, 26%, 81%
HSV	49°, 12%, 86%
XYZ	62.8811, 67.0035, 60.0885
YIQ	213.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

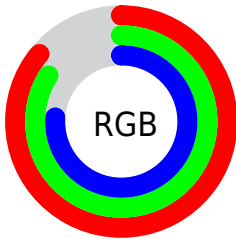
Format	Color
RYB	199, 219, 193
Decimal	14407361
CIELab	85.51, -1.85, 10.96
CIELCh	86, 11.116, 99.572
Yxy	67.0035, 0.3310, 0.3527
Android (android.graphics.Color)	4292597441 (0xFFD6D6C1)
YUV	213.1010, -9.9098, 5.1734
Hunter-Lab	81.8557, -6.1247, 13.7755

Details

The Yxy color **67.0035, 0.3310, 0.3527** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8369, 0.2942, 0.3041**, and the grayscale version is **66.6736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **34.5529, 0.3361, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **64.0094, 0.3476, 0.3735**, and if you desaturate by 10%, it is **70.2026, 0.3155, 0.3326**.

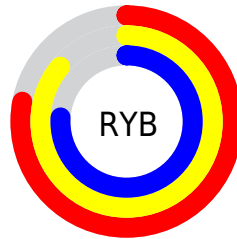
Distribution



Red (86%)

Green (84%)

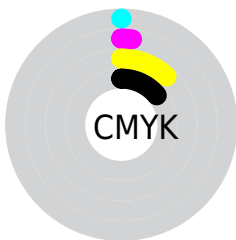
Blue (76%)



Red (78%)

Yellow (86%)

Blue (76%)

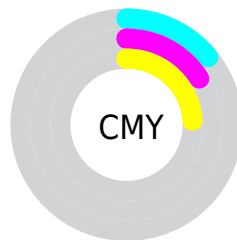


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (14%)



Cyan (14%)


Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0035, 0.3310, 0.3527 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 67.0035, 0.3310, 0.3527 by changing the saturation by 10% instead.


 67.0035, 0.3310,
0.3527

 67.0035, 0.3310,
0.3527


449.9572, 0.3224,
0.3415

 49.0875, 0.3330,
0.3553

 114.9254, 0.3280,
0.3488

 34.6889, 0.3354,
0.3586

145.7001, 0.3268,
0.3473

 23.4233, 0.3386,
0.3627


181.5298, 0.3259,
0.3460

 14.9064, 0.3427,
0.3682

222.7989, 0.3250,
0.3448

 8.7537, 0.3484,
0.3759

269.8918, 0.3242,
0.3439

 4.5809, 0.3567,
0.3872

323.1929, 0.3236,

 2.0035, 0.3699,

0.3430

383.0866, 0.3230,
0.3422

0.4055

0.6095, 0.4671,
0.5329

0.0000, 0.0000,
0.0000

67.0035, 0.3310,
0.3527

67.0035, 0.3310,
0.3527

64.0094, 0.3476,
0.3735

70.2026, 0.3155,
0.3326

61.2047, 0.3649,
0.3944

73.6042, 0.3011,
0.3135

58.5851, 0.3826,
0.4146

76.9752, 0.2902,
0.2994

56.1430, 0.3999,
0.4334

79.2860, 0.2903,
0.3038

■ 53.8696, 0.4163,
0.4496

■ 81.6527, 0.2905,
0.3082

■ 51.7557, 0.4309,
0.4623

■ 84.0758, 0.2906,
0.3126

■ 49.7902, 0.4431,
0.4707

■ 86.5556, 0.2907,
0.3170

■ 47.9604, 0.4524,
0.4743

■ 89.0925, 0.2909,
0.3213

■ 46.5511, 0.4581,
0.4744

■ 91.6869, 0.2910,
0.3256

Harmonies

Analogous

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



67.0035, 0.3387, 0.3470



67.0035, 0.3310, 0.3527



67.0035, 0.3185, 0.3519

Triad

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



67.0035, 0.3310, 0.3527



67.0035, 0.2869, 0.3203



67.0035, 0.3205, 0.3142

Complementary

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



67.0035, 0.3310, 0.3527



56.8369, 0.2942, 0.3041

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.



67.0035, 0.3065, 0.3073



67.0035, 0.3310, 0.3527



67.0035, 0.2874, 0.3105

Square

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



67.0035, 0.3310, 0.3527



67.0035, 0.2932, 0.3328



67.0035, 0.2944, 0.3059



67.0035, 0.3325, 0.3248

Rectangle

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



67.0035, 0.3310, 0.3527



67.0035, 0.3092, 0.3476



67.0035, 0.2944, 0.3059



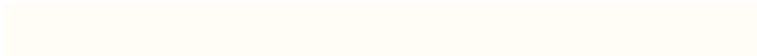
67.0035, 0.3158, 0.3114

Sweetspot

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



67.0064, 0.3310, 0.3527



98.1232, 0.3188, 0.3369



57.2965, 0.3299, 0.3231



20.9280, 0.3199, 0.3384



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.



67.0064, 0.3310, 0.3527



93.6351, 0.3347, 0.3574



68.3748, 0.3245, 0.3586



14.8189, 0.3271, 0.3478



27.7647, 0.4574, 0.4750



1.9098, 0.4501, 0.4808

Inverse Universe

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



56.8369, 0.2942, 0.3041



76.7853, 0.2904, 0.2989



55.6584, 0.3000, 0.2987



13.0178, 0.2981, 0.3095



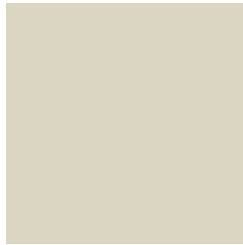
4.1276, 0.1552, 0.0788



0.3869, 0.1633, 0.1077

Previews

White Background



This preview shows how the Yxy color 67.0035, 0.3310, 0.3527 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 67.0035, 0.3310, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

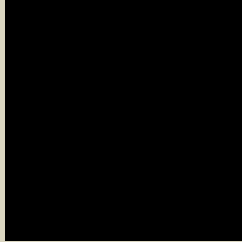
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

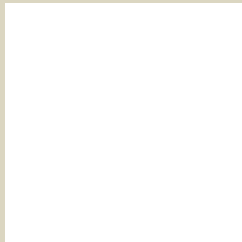
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0035, 0.3310, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 67.0035, 0.3310, 0.3527.



This preview shows how white text looks on a background with the Yxy color 67.0035, 0.3310, 0.3527.

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

67.0035, 0.3310, 0.3527

Protanopia

66.9239, 0.3342, 0.3526

Deuteranopia

66.7835, 0.3481, 0.3409



Tritanopia

66.9392, 0.3121, 0.3106

Trichromacy



Original Color

67.0035, 0.3310, 0.3527

Protanomaly

66.7664, 0.3334, 0.3527

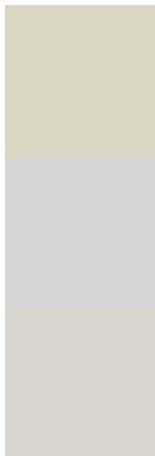
Deuteranomaly

66.8196, 0.3420, 0.3455

Tritanomaly

66.9732, 0.3188, 0.3257

Monochromacy



Original Color

67.0035, 0.3310, 0.3527

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4918, 0.3190, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0035, 0.3310, 0.3527 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, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 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(219, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 193) }
```

Border

The CSS property to change the border of an element to Yxy 67.0035, 0.3310, 0.3527 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, 214, 193) }
```

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

```
.border{ border-color:rgb(219, 214, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0035, 0.3310, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 193) }
```

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

```
.background{ background-color: rgb(219,  
214, 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](#).

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