

Converting Colors

Yxy(33.5923, 0.4164, 0.3363)

Have a look what the booklet for
Yxy(33.5923, 0.4164, 0.3363)
contains.

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Color

Yxy(33.6688, 0.4162, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	DB8680
RGB	219, 134, 128
RGB Percent	86%, 53%, 50%
CMY	0.1412, 0.4744, 0.4980
CMYK	0.00, 0.39, 0.42, 0.14
HSL	4°, 56%, 68%
HSV	4°, 42%, 86%
XYZ	41.6309, 33.6688, 24.7265
YIQ	158.7310, 52.5860, 16.1540

Conversions

Conversions Part 2

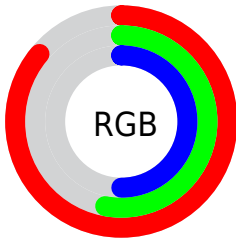
Format	Color
R_{YB}	219, 134, 128
Decimal	14386816
CIE _{Lab}	64.70, 31.88, 17.12
CIE _{LCh}	65, 36.184, 28.231
Yxy	33.6688, 0.4162, 0.3366
Android (android.graphics.Color)	4292576896 (0xFFDB8680)
YUV	158.7310, -15.1504, 52.8559
Hunter-Lab	58.0248, 26.5244, 15.3518

Details

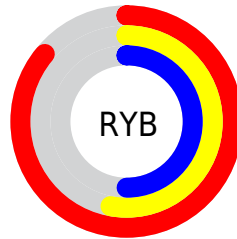
The Yxy color **33.6688, 0.4162, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2747, 0.2549, 0.3210**, and the grayscale version is **34.5955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5626, 0.3754, 0.3365**, and **14.3281, 0.4499, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **28.0369, 0.4557, 0.3382**, and if you desaturate by 10%, it is **40.5215, 0.3828, 0.3348**.

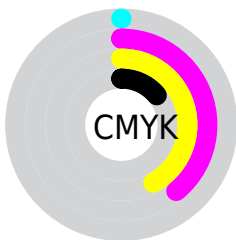
Distribution



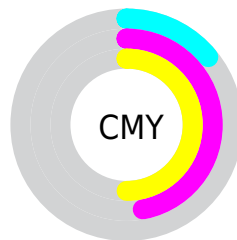
- Red (86%)
- Green (53%)
- Blue (50%)



- Red (86%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6688, 0.4162, 0.3366 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 33.6688, 0.4162, 0.3366 by changing the saturation by 10% instead.


 33.6688, 0.4162,
0.3366


 33.6688, 0.4162,
0.3366


318.6527, 0.3611,
0.3345


 22.6393, 0.4310,
0.3364


 65.4183, 0.3954,
0.3363

 14.3274, 0.4504,
0.3357


 86.9071, 0.3878,
0.3361

 8.3487, 0.4773,
0.3337


 112.6510, 0.3815,
0.3358

 4.3189, 0.5161,
0.3290

143.0346, 0.3762,
0.3355

 1.8535, 0.5809,
0.3198

178.4421, 0.3716,
0.3353

 0.5202, 0.7219,
0.2781

219.2581, 0.3676,

 0.0000, 1.0000,

0.3350

0.0000

265.8668, 0.3642,
0.3348

0.0000, 0.0000,
0.0000

33.6688, 0.4162,
0.3366

33.6688, 0.4162,
0.3366

28.0369, 0.4557,
0.3382

40.5215, 0.3828,
0.3348

23.5496, 0.5003,
0.3392

48.6557, 0.3554,
0.3328

20.1296, 0.5467,
0.3392


58.1337, 0.3331,
0.3310


17.6885, 0.5889,
0.3378

69.0125, 0.3152,
0.3293

16.1230, 0.6203,
0.3353

81.3459, 0.3007,
0.3277

 15.3844, 0.6361,
0.3332

 93.7973, 0.2911,
0.3289

Harmonies

Analogous

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



33.6688, 0.3768, 0.2946



33.6688, 0.4162, 0.3366



33.6688, 0.4241, 0.3802

Triad

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



33.6688, 0.4162, 0.3366



33.6688, 0.2975, 0.4132



33.6688, 0.2285, 0.2428

Complementary

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



33.6688, 0.4162, 0.3366



57.2747, 0.2549, 0.3210

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.



33.6688, 0.2121, 0.2642



33.6688, 0.4162, 0.3366



33.6688, 0.2489, 0.3641

Square

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



33.6688, 0.4162, 0.3366



33.6688, 0.3528, 0.4318



33.6688, 0.2189, 0.3073



33.6688, 0.2665, 0.2427

Rectangle

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



33.6688, 0.4162, 0.3366



33.6688, 0.4109, 0.4060



33.6688, 0.2189, 0.3073



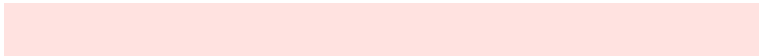
33.6688, 0.2205, 0.2474

Sweetspot

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



33.6705, 0.4162, 0.3366



81.2867, 0.3342, 0.3311



35.3731, 0.3218, 0.2317



17.0005, 0.3369, 0.3313



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.



33.6705, 0.4162, 0.3366



40.3939, 0.4510, 0.3380



48.4728, 0.3932, 0.3887



13.1890, 0.3290, 0.3306



9.1801, 0.6349, 0.3341



0.6444, 0.6200, 0.3459

Inverse Universe

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



57.2747, 0.2549, 0.3210



78.0295, 0.2454, 0.3191



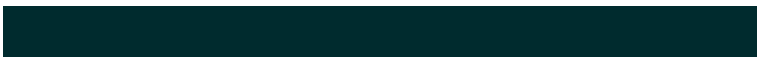
38.0573, 0.2450, 0.2600



14.6744, 0.2982, 0.3274



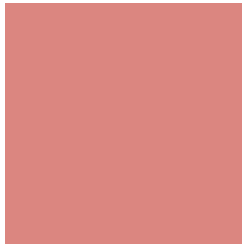
28.8506, 0.2190, 0.3083



1.9144, 0.2200, 0.3119

Previews

White Background



This preview shows how the Yxy color 33.6688, 0.4162, 0.3366 looks on a white background.

Color Contrast Check

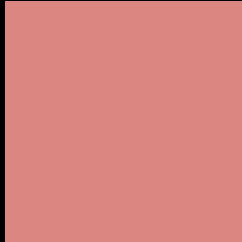
Large Text (above 18pt) WCAG AA × Fail

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 33.6688, 0.4162, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

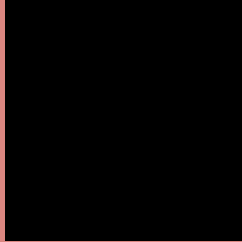
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6688, 0.4162, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 33.6688, 0.4162, 0.3366.



This preview shows how white text looks on a background with the Yxy color 33.6688, 0.4162, 0.3366.

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

33.6688, 0.4162, 0.3366

Protanopia

33.8705, 0.3365, 0.3559

Deuteranopia

33.8042, 0.3736, 0.3657



Tritanopia

33.6712, 0.4017, 0.3172

Trichromacy



Original Color

33.6688, 0.4162, 0.3366

Protanomaly

33.4345, 0.3640, 0.3488

Deuteranomaly

33.6275, 0.3893, 0.3546

Tritanomaly

33.7968, 0.4072, 0.3244

Monochromacy



Original Color

33.6688, 0.4162, 0.3366

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7746, 0.3470, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6688, 0.4162, 0.3366 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, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(219, 134, 128)  
}
```

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, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 134, 128) }
```

Border

The CSS property to change the border of an element to Yxy 33.6688, 0.4162, 0.3366 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, 134, 128) }
```

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

```
.border{ border-color:rgb(219, 134, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(219, 134,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6688, 0.4162, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 134, 128) }
```

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

```
.background{ background-color: rgb(219,  
134, 128) }
```

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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