

Converting Colors

$Yxy(63.3715, 0.3486, 0.3331)$

Have a look what the booklet for
Yxy(63.3715, 0.3486, 0.3331)
contains.

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Color

Yxy(63.3122, 0.3487, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	F0C7C3
RGB	240, 199, 195
RGB Percent	94%, 78%, 76%
CMY	0.0587, 0.2196, 0.2352
CMYK	0.00, 0.17, 0.19, 0.06
HSL	5°, 60%, 85%
HSV	5°, 19%, 94%
XYZ	66.2176, 63.3122, 60.3688
YIQ	210.8030, 25.7200, 7.4480

Conversions

Conversions Part 2

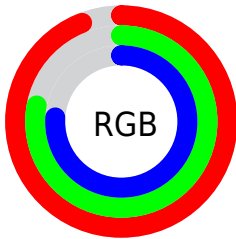
Format	Color
R _Y B	240, 199, 195
Decimal	15779779
CIE Lab	83.61, 13.91, 7.43
CIE LCh	84, 15.772, 28.110
Yxy	63.3122, 0.3487, 0.3334
Android (android.graphics.Color)	4293969859 (0xFFFF0C7C3)
YUV	210.8030, -7.7909, 25.6058
Hunter-Lab	79.5690, 9.3028, 10.7151

Details

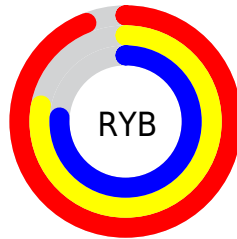
The Yxy color **63.3122, 0.3487, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9187, 0.2843, 0.3246**, and the grayscale version is **65.0480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **32.2412, 0.3578, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **52.9594, 0.3745, 0.3359**, and if you desaturate by 10%, it is **75.2931, 0.3277, 0.3310**.

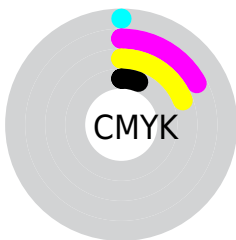
Distribution



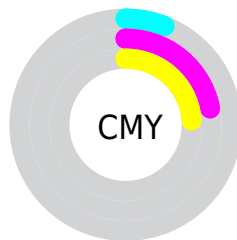
- Red (94%)
- Green (78%)
- Blue (76%)



- Red (94%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3122, 0.3487, 0.3334 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 63.3122, 0.3487, 0.3334 by changing the saturation by 10% instead.


 63.3122, 0.3487,
0.3334

 63.3122, 0.3487,
0.3334


436.7016, 0.3315,
0.3316

 46.0938, 0.3528,
0.3338


109.6198, 0.3426,
0.3328

 32.3199, 0.3579,
0.3342


139.4778, 0.3403,
0.3326

 21.6059, 0.3645,
0.3347


174.3178, 0.3383,
0.3323

 13.5676, 0.3733,
0.3353

214.5242, 0.3366,
0.3321

 7.8206, 0.3857,
0.3359

260.4814, 0.3351,
0.3320

 3.9803, 0.4044,
0.3364

312.5738, 0.3337,

 1.6626, 0.4357,

0.3318

0.3361

371.1857, 0.3326,
0.3317

0.3992, 0.6430,
0.3570

0.0000, 0.0000,
0.0000

63.3122, 0.3487,
0.3334

63.3122, 0.3487,
0.3334

52.9594, 0.3745,
0.3359

75.2931, 0.3277,
0.3310

44.1563, 0.4060,
0.3384

88.9591, 0.3108,
0.3287

36.8308, 0.4436,
0.3407

97.2705, 0.3036,
0.3290

30.9019, 0.4866,
0.3423

■ 26.2805, 0.5325,
0.3427

■ 22.8675, 0.5762,
0.3415

■ 20.5494, 0.6113,
0.3385

■ 19.1877, 0.6327,
0.3346

■ 19.0745, 0.6347,
0.3343

Harmonies

Analogous

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



63.3122, 0.3354, 0.3167



63.3122, 0.3487, 0.3334



63.3122, 0.3520, 0.3496

Triad

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



63.3122, 0.3487, 0.3334



63.3122, 0.3084, 0.3569



63.3122, 0.2815, 0.2973

Complementary

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



63.3122, 0.3487, 0.3334



77.9187, 0.2843, 0.3246

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.



63.3122, 0.2749, 0.3067



63.3122, 0.3487, 0.3334



63.3122, 0.2901, 0.3415

Square

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



63.3122, 0.3487, 0.3334



63.3122, 0.3283, 0.3640



63.3122, 0.2780, 0.3228



63.3122, 0.2964, 0.2962

Rectangle

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



63.3122, 0.3487, 0.3334



63.3122, 0.3481, 0.3580



63.3122, 0.2780, 0.3228



63.3122, 0.2783, 0.2995

Sweetspot

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



63.3151, 0.3487, 0.3334



90.4747, 0.3228, 0.3303



63.6403, 0.3176, 0.2861



19.1526, 0.3239, 0.3305



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

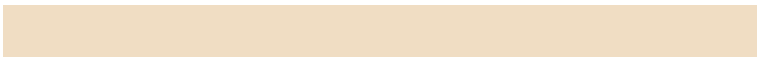
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3151, 0.3487, 0.3334



67.2832, 0.3592, 0.3345



74.3292, 0.3444, 0.3569



15.9832, 0.3291, 0.3312



10.5182, 0.6333, 0.3354



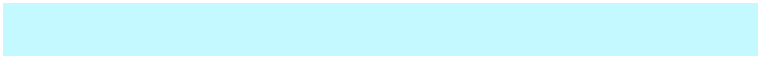
0.9512, 0.6178, 0.3477

Inverse Universe

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



77.9187, 0.2843, 0.3246



87.2609, 0.2781, 0.3234



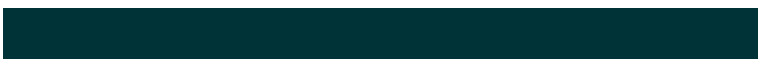
65.8750, 0.2829, 0.2994



17.6761, 0.2981, 0.3268



31.2202, 0.2170, 0.3011



2.6667, 0.2181, 0.3051

Previews

White Background



This preview shows how the Yxy color 63.3122, 0.3487, 0.3334 looks on a white background.

Color Contrast Check

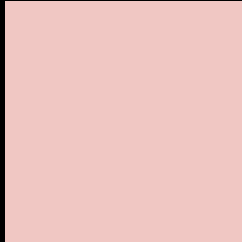
Large Text (above 18pt) WCAG AA × Fail

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 63.3122, 0.3487, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

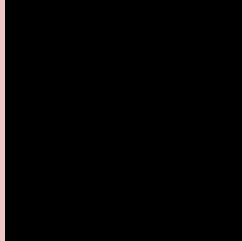
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3122, 0.3487, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 63.3122, 0.3487, 0.3334.

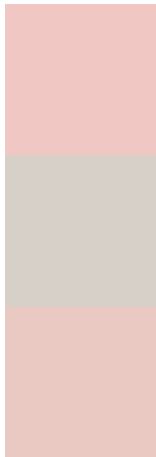


This preview shows how white text looks on a background with the Yxy color 63.3122, 0.3487, 0.3334.

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

63.3122, 0.3487, 0.3334

Protanopia

63.5780, 0.3229, 0.3382

Deuteranopia

63.2058, 0.3434, 0.3357



Tritanopia

63.1106, 0.3375, 0.3121

Trichromacy



Original Color

63.3122, 0.3487, 0.3334

Protanomaly

63.4278, 0.3318, 0.3369

Deuteranomaly

63.0816, 0.3452, 0.3346

Tritanomaly

63.0895, 0.3412, 0.3195

Monochromacy



Original Color

63.3122, 0.3487, 0.3334

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5630, 0.3256, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3122, 0.3487, 0.3334 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(240, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 195)  
}
```

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(240, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.3122, 0.3487, 0.3334 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(240, 199, 195) }
```

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

```
.border{ border-color:rgb(240, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3122, 0.3487, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 195) }
```

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

```
.background{ background-color: rgb(240,  
199, 195) }
```

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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