

Converting Colors

$Yxy(63.9385, 0.3474, 0.3479)$

Have a look what the booklet for
Yxy(63.9385, 0.3474, 0.3479)
contains.

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Color

Yxy(63.9294, 0.3474, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCBB
RGB	232, 204, 187
RGB Percent	91%, 80%, 73%
CMY	0.0903, 0.2000, 0.2666
CMYK	0.00, 0.12, 0.19, 0.09
HSL	23°, 49%, 82%
HSV	23°, 19%, 91%
XYZ	63.8375, 63.9294, 55.9911
YIQ	210.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

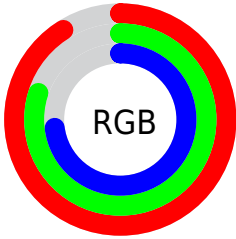
Format	Color
R _Y B	232, 214, 187
Decimal	15256763
CIE Lab	83.93, 7.15, 12.06
CIE LCh	84, 14.017, 59.352
Yxy	63.9294, 0.3474, 0.3479
Android (android.graphics.Color)	4293446843 (0xFFE8CCBB)
YUV	210.4340, -11.5530, 18.9134
Hunter-Lab	79.9559, 2.5933, 14.4498

Details

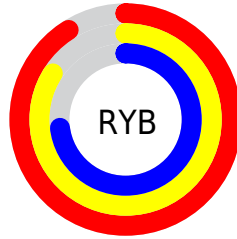
The Yxy color **63.9294, 0.3474, 0.3479** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9806, 0.2825, 0.3093**, and the grayscale version is **64.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **32.7640, 0.3560, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **56.4734, 0.3698, 0.3583**, and if you desaturate by 10%, it is **72.1870, 0.3282, 0.3379**.

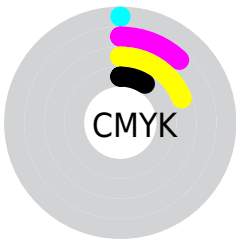
Distribution



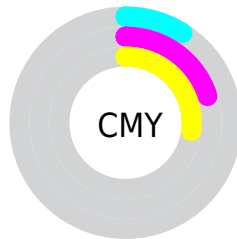
- Red (91%)
- Green (80%)
- Blue (73%)



- Red (91%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9294, 0.3474, 0.3479 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 63.9294, 0.3474, 0.3479 by changing the saturation by 10% instead.

 63.9294, 0.3474,
0.3479

 63.9294, 0.3474,
0.3479


438.9346, 0.3309,
0.3392

 46.5935, 0.3513,
0.3499


 110.5093, 0.3416,
0.3449

 32.7144, 0.3562,
0.3523

140.5220, 0.3393,
0.3437

 21.9078, 0.3624,
0.3554


175.5291, 0.3374,
0.3427

 13.7891, 0.3708,
0.3595

215.9151, 0.3358,
0.3418

 7.9742, 0.3825,
0.3649

262.0642, 0.3343,
0.3410

 4.0784, 0.4000,
0.3725

314.3609, 0.3330,

 1.7175, 0.4291,

0.3403

0.3840

373.1896, 0.3319,
0.3397

0.4350, 0.5747,
0.4253

0.0000, 0.0000,
0.0000

63.9294, 0.3474,
0.3479

63.9294, 0.3474,
0.3479

56.4734, 0.3698,
0.3583

72.1870, 0.3282,
0.3379

49.7854, 0.3955,
0.3687

81.2614, 0.3118,
0.3284

43.8423, 0.4247,
0.3784

91.0743, 0.2987,
0.3213

38.6159, 0.4566,
0.3864

95.8931, 0.2987,
0.3290

■ 34.0766, 0.4901,
0.3916

■ 30.1919, 0.5230,
0.3926

■ 26.9260, 0.5526,
0.3885

■ 24.2332, 0.5768,
0.3796

■ 24.0850, 0.5782,
0.3791

Harmonies

Analogous

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



63.9294, 0.3449, 0.3336



63.9294, 0.3474, 0.3479



63.9294, 0.3404, 0.3577

Triad

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



63.9294, 0.3474, 0.3479



63.9294, 0.2921, 0.3394



63.9294, 0.2989, 0.2999

Complementary

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



63.9294, 0.3474, 0.3479



64.9806, 0.2825, 0.3093

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.



63.9294, 0.2854, 0.3006



63.9294, 0.3474, 0.3479



63.9294, 0.2816, 0.3230

Square

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



63.9294, 0.3474, 0.3479



63.9294, 0.3082, 0.3531



63.9294, 0.2792, 0.3089



63.9294, 0.3165, 0.3065

Rectangle

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



63.9294, 0.3474, 0.3479



63.9294, 0.3313, 0.3601



63.9294, 0.2792, 0.3089



63.9294, 0.2938, 0.2993

Sweetspot

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



63.9323, 0.3474, 0.3479



93.1319, 0.3224, 0.3346



57.6278, 0.3277, 0.2980



19.7789, 0.3235, 0.3353



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.



63.9323, 0.3474, 0.3479



75.6769, 0.3554, 0.3518



75.1267, 0.3430, 0.3711



15.2565, 0.3283, 0.3379



13.5968, 0.5753, 0.3814



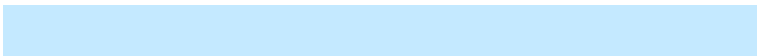
1.1792, 0.5480, 0.4031

Inverse Universe

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



64.9806, 0.2825, 0.3093



77.1817, 0.2767, 0.3051



54.5320, 0.2809, 0.2830



15.3728, 0.2981, 0.3199



14.6059, 0.1890, 0.2005



1.2569, 0.1948, 0.2213

Previews

White Background



This preview shows how the Yxy color 63.9294, 0.3474, 0.3479 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 63.9294, 0.3474, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

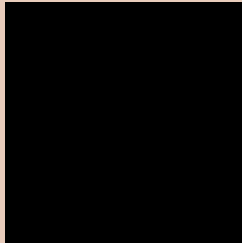
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9294, 0.3474, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 63.9294, 0.3474, 0.3479.



This preview shows how white text looks on a background with the Yxy color 63.9294, 0.3474, 0.3479.

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

63.9294, 0.3474, 0.3479

Protanopia

64.1805, 0.3339, 0.3519

Deuteranopia

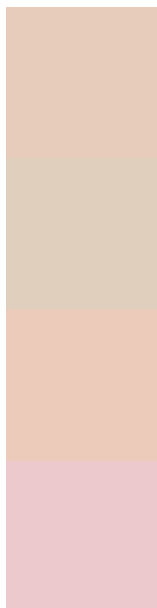
64.0061, 0.3527, 0.3455



Tritanopia

64.0477, 0.3299, 0.3130

Trichromacy



Original Color

63.9294, 0.3474, 0.3479

Protanomaly

63.9445, 0.3389, 0.3505

Deuteranomaly

64.1326, 0.3509, 0.3466

Tritanomaly

63.8432, 0.3366, 0.3247

Monochromacy



Original Color

63.9294, 0.3474, 0.3479

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2814, 0.3246, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9294, 0.3474, 0.3479 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(232, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 187)  
}
```

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(232, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 187) }
```

Border

The CSS property to change the border of an element to Yxy 63.9294, 0.3474, 0.3479 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(232, 204, 187) }
```

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

```
.border{ border-color:rgb(232, 204, 187) }
```

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

Here you see how a box with a 4 pixel rgb(232, 204, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9294, 0.3474, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 187) }
```

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

```
.background{ background-color: rgb(232,  
204, 187) }
```

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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