

Converting Colors

$Yxy(60.7436, 0.3499, 0.3337)$

Have a look what the booklet for
Yxy(60.7436, 0.3499, 0.3337)
contains.

Yxy(60.7963, 0.3502, 0.3335)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7963, 0.3502, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	EDC3BF
RGB	237, 195, 191
RGB Percent	93%, 76%, 75%
CMY	0.0706, 0.2353, 0.2510
CMYK	0.00, 0.18, 0.19, 0.07
HSL	5°, 56%, 84%
HSV	5°, 19%, 93%
XYZ	63.8407, 60.7963, 57.6608
YIQ	207.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

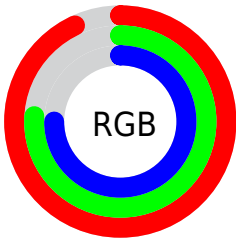
Format	Color
R _Y B	237, 195, 191
Decimal	15582143
CIE Lab	82.27, 14.31, 7.62
CIE LCh	82, 16.210, 28.040
Yxy	60.7963, 0.3502, 0.3335
Android (android.graphics.Color)	4293772223 (0xFFEDC3BF)
YUV	207.1020, -7.9383, 26.2205
Hunter-Lab	77.9720, 9.6985, 10.7351

Details

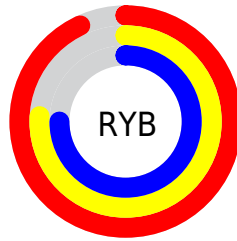
The Yxy color **60.7963, 0.3502, 0.3335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4554, 0.2834, 0.3245**, and the grayscale version is **62.5063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5962, 0.3175, 0.3338**, and **30.7085, 0.3601, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **50.8360, 0.3764, 0.3360**, and if you desaturate by 10%, it is **72.3354, 0.3290, 0.3311**.

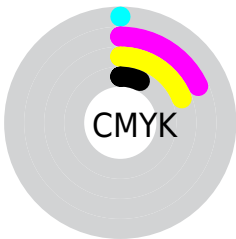
Distribution



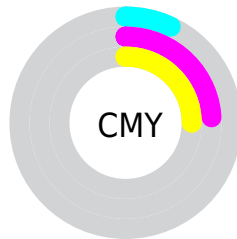
- Red (93%)
- Green (76%)
- Blue (75%)



- Red (93%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7963, 0.3502, 0.3335 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 60.7963, 0.3502, 0.3335 by changing the saturation by 10% instead.


 60.7963, 0.3502,
0.3335

 60.7963, 0.3502,
0.3335

427.5267, 0.3322,
0.3316

 44.0608, 0.3545,
0.3339


 105.9839, 0.3438,
0.3329

 30.7183, 0.3599,
0.3343


135.2049, 0.3413,
0.3326

 20.3844, 0.3669,
0.3348

169.3564, 0.3393,
0.3324

 12.6748, 0.3764,
0.3354

208.8229, 0.3374,
0.3322

 7.2050, 0.3898,
0.3359

253.9888, 0.3359,
0.3320

 3.5906, 0.4103,
0.3363

305.2385, 0.3345,

 1.4473, 0.4450,

0.3319

362.9563, 0.3333,
0.3317

0.3356

0.2512, 0.7007,
0.2993

0.0000, 0.0000,
0.0000

60.7963, 0.3502,
0.3335

60.7963, 0.3502,
0.3335

50.8360, 0.3764,
0.3360

72.3354, 0.3290,
0.3311

42.3778, 0.4082,
0.3385

85.5089, 0.3118,
0.3289

35.3514, 0.4462,
0.3406

96.7422, 0.3017,
0.3290

29.6773, 0.4895,
0.3421

■ 25.2685, 0.5354,
0.3425

■ 22.0277, 0.5788,
0.3412

■ 19.8433, 0.6131,
0.3381

■ 18.5772, 0.6338,
0.3344

■ 18.5261, 0.6347,
0.3342

Harmonies

Analogous

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



60.7963, 0.3363, 0.3161



60.7963, 0.3502, 0.3335



60.7963, 0.3537, 0.3504

Triad

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



60.7963, 0.3502, 0.3335



60.7963, 0.3083, 0.3581



60.7963, 0.2802, 0.2960

Complementary

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



60.7963, 0.3502, 0.3335



75.4554, 0.2834, 0.3245

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.



60.7963, 0.2734, 0.3058



60.7963, 0.3502, 0.3335



60.7963, 0.2892, 0.3420

Square

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



60.7963, 0.3502, 0.3335



60.7963, 0.3290, 0.3655



60.7963, 0.2766, 0.3226



60.7963, 0.2957, 0.2949

Rectangle

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



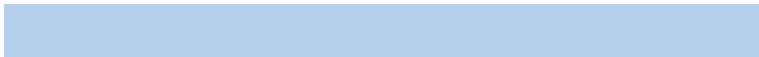
60.7963, 0.3502, 0.3335



60.7963, 0.3496, 0.3592



60.7963, 0.2766, 0.3226



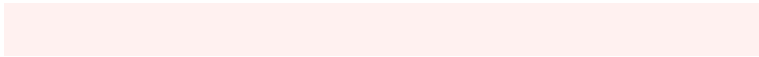
60.7963, 0.2769, 0.2983

Sweetspot

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



60.7991, 0.3502, 0.3335



90.4641, 0.3228, 0.3303



61.1568, 0.3178, 0.2846



19.1501, 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.



60.7991, 0.3502, 0.3335



67.2510, 0.3592, 0.3344



71.8167, 0.3456, 0.3579



15.2650, 0.3291, 0.3311



10.1940, 0.6333, 0.3354



0.8732, 0.6172, 0.3482

Inverse Universe

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



75.4554, 0.2834, 0.3245



87.3037, 0.2781, 0.3235



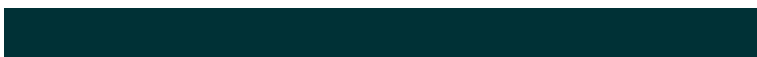
63.3637, 0.2818, 0.2983



16.8841, 0.2981, 0.3269



30.3447, 0.2171, 0.3015



2.4489, 0.2182, 0.3056

Previews

White Background



This preview shows how the Yxy color 60.7963, 0.3502, 0.3335 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 60.7963, 0.3502, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

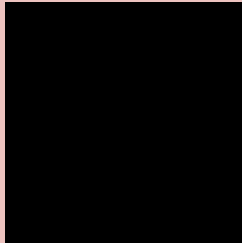
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7963, 0.3502, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 60.7963, 0.3502, 0.3335.



This preview shows how white text looks on a background with the Yxy color 60.7963, 0.3502, 0.3335.

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

60.7963, 0.3502, 0.3335

Protanopia

61.0201, 0.3239, 0.3383

Deuteranopia

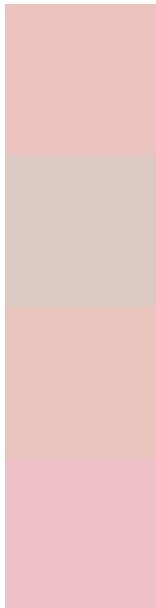
60.9289, 0.3446, 0.3380



Tritanopia

60.5550, 0.3395, 0.3129

Trichromacy



Original Color

60.7963, 0.3502, 0.3335

Protanomaly

60.8840, 0.3329, 0.3370

Deuteranomaly

60.9738, 0.3473, 0.3369

Tritanomaly

60.5341, 0.3434, 0.3204

Monochromacy



Original Color

60.7963, 0.3502, 0.3335

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8343, 0.3258, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7963, 0.3502, 0.3335 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(237, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 191)  
}
```

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(237, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.7963, 0.3502, 0.3335 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(237, 195, 191) }
```

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

```
.border{ border-color:rgb(237, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7963, 0.3502, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 191) }
```

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

```
.background{ background-color: rgb(237,  
195, 191) }
```

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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