

Converting Colors

$Y_{xy}(62.3204, 0.3520, 0.3296)$

Have a look what the booklet for
Yxy(62.3204, 0.3520, 0.3296)
contains.

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Color

Yxy(62.4747, 0.3517, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	F3C4C3
RGB	243, 196, 195
RGB Percent	95%, 77%, 76%
CMY	0.0472, 0.2313, 0.2353
CMYK	0.00, 0.19, 0.20, 0.05
HSL	1°, 67%, 86%
HSV	1°, 20%, 95%
XYZ	66.5426, 62.4747, 60.1853
YIQ	209.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

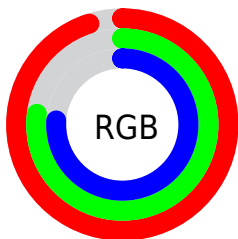
Format	Color
RYB	243, 196, 195
Decimal	15975619
CIELab	83.17, 16.54, 6.84
CIELCh	83, 17.895, 22.463
Yxy	62.4747, 0.3517, 0.3302
Android (android.graphics.Color)	4294165699 (0xFFFF3C4C3)
YUV	209.9390, -7.3649, 28.9945
Hunter-Lab	79.0409, 11.9530, 10.1826

Details

The Yxy color **62.4747, 0.3517, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5442, 0.2831, 0.3278**, and the grayscale version is **64.4421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5388, 0.3145, 0.3300**, and **31.7082, 0.3620, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **51.5729, 0.3790, 0.3309**, and if you desaturate by 10%, it is **75.2616, 0.3298, 0.3296**.

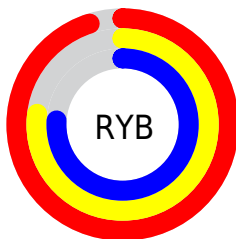
Distribution



Red (95%)

Green (77%)

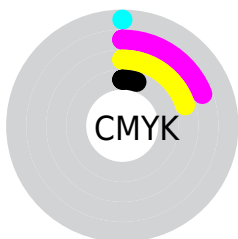
Blue (76%)



Red (95%)

Yellow (77%)

Blue (76%)

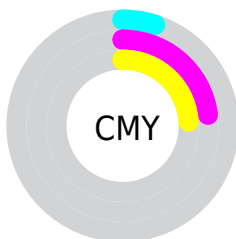


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (5%)



Cyan (5%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4747, 0.3517, 0.3302 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 62.4747, 0.3517, 0.3302 by changing the saturation by 10% instead.


 62.4747, 0.3517,
0.3302

 62.4747, 0.3517,
0.3302


433.6605, 0.3330,
0.3299

 45.4164, 0.3561,
0.3302


 108.4113, 0.3451,
0.3301

 31.7855, 0.3617,
0.3302


138.0584, 0.3426,
0.3301

 21.1977, 0.3689,
0.3301


172.6705, 0.3404,
0.3301

 13.2686, 0.3785,
0.3298

212.6321, 0.3385,
0.3300

 7.6138, 0.3921,
0.3293

258.3275, 0.3369,
0.3300

 3.8488, 0.4127,
0.3280

310.1411, 0.3354,

 1.5894, 0.4472,

0.3300

0.3247

368.4573, 0.3342,
0.3299

0.3504, 0.6777,
0.3223

0.0000, 0.0000,
0.0000

62.4747, 0.3517,
0.3302

62.4747, 0.3517,
0.3302

51.5729, 0.3790,
0.3309

75.2616, 0.3298,
0.3296

42.4591, 0.4125,
0.3315

90.0077, 0.3123,
0.3290

35.0404, 0.4527,
0.3321

97.7875, 0.3053,
0.3290

29.2123, 0.4985,
0.3326

■ 24.8586, 0.5464,
0.3326

■ 21.8473, 0.5901,
0.3323

■ 20.0231, 0.6221,
0.3315

■ 19.1740, 0.6387,
0.3308

■ 19.1590, 0.6390,
0.3308

Harmonies

Analogous

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



62.4747, 0.3347, 0.3117



62.4747, 0.3517, 0.3302



62.4747, 0.3578, 0.3491

Triad

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



62.4747, 0.3517, 0.3302



62.4747, 0.3121, 0.3633



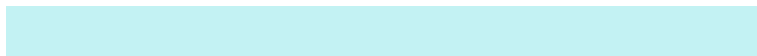
62.4747, 0.2750, 0.2942

Complementary

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



62.4747, 0.3517, 0.3302



81.5442, 0.2831, 0.3278

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.



62.4747, 0.2696, 0.3065



62.4747, 0.3517, 0.3302



62.4747, 0.2905, 0.3470

Square

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



62.4747, 0.3517, 0.3302



62.4747, 0.3344, 0.3693



62.4747, 0.2751, 0.3258



62.4747, 0.2904, 0.2913

Rectangle

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



62.4747, 0.3517, 0.3302



62.4747, 0.3548, 0.3596



62.4747, 0.2751, 0.3258



62.4747, 0.2720, 0.2973

Sweetspot

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



62.4775, 0.3517, 0.3302



89.8674, 0.3228, 0.3293



64.5018, 0.3156, 0.2807



19.0097, 0.3240, 0.3294



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.



62.4775, 0.3517, 0.3302



64.2181, 0.3628, 0.3305



74.0607, 0.3469, 0.3552



16.5385, 0.3293, 0.3296



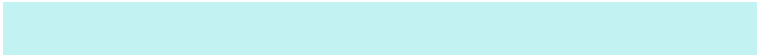
10.5433, 0.6386, 0.3312



0.9461, 0.6347, 0.3342

Inverse Universe

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



81.5442, 0.2831, 0.3278



89.3605, 0.2771, 0.3275



68.3105, 0.2814, 0.3013



18.6941, 0.2981, 0.3285



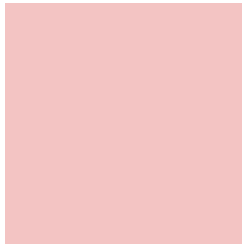
37.0960, 0.2229, 0.3223



3.2792, 0.2231, 0.3232

Previews

White Background



This preview shows how the Yxy color 62.4747, 0.3517, 0.3302 looks on a white background.

Color Contrast Check

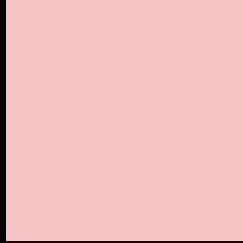
Large Text (above 18pt) WCAG AA × Fail

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 62.4747, 0.3517, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

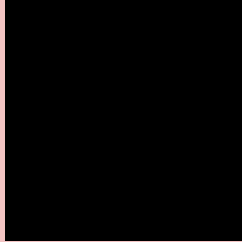
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4747, 0.3517, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 62.4747, 0.3517, 0.3302.

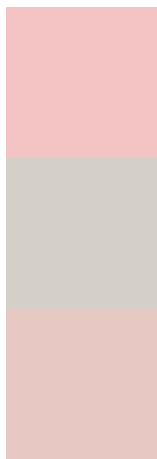


This preview shows how white text looks on a background with the Yxy color 62.4747, 0.3517, 0.3302.

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

62.4747, 0.3517, 0.3302

Protanopia

62.9888, 0.3215, 0.3359

Deuteranopia

62.3594, 0.3428, 0.3357



Tritanopia

62.5995, 0.3425, 0.3132

Trichromacy



Original Color

62.4747, 0.3517, 0.3302

Protanomaly

62.6827, 0.3321, 0.3335

Deuteranomaly

62.5748, 0.3462, 0.3346

Tritanomaly

62.6229, 0.3455, 0.3195

Monochromacy



Original Color

62.4747, 0.3517, 0.3302

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6000, 0.3258, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4747, 0.3517, 0.3302 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(243, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 196, 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(243, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 196, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.4747, 0.3517, 0.3302 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(243, 196, 195) }
```

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

```
.border{ border-color:rgb(243, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 196,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4747, 0.3517, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 196, 195) }
```

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

```
.background{ background-color: rgb(243,  
196, 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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