

Converting Colors

$Y_{xy}(59.6830, 0.3524, 0.3224)$

Have a look what the booklet for
Yxy(59.6830, 0.3524, 0.3224)
contains.

Yxy(59.8671, 0.3522, 0.3227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8671, 0.3522, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F3BEC4
RGB	243, 190, 196
RGB Percent	95%, 75%, 77%
CMY	0.0470, 0.2549, 0.2315
CMYK	0.00, 0.22, 0.19, 0.05
HSL	353°, 69%, 85%
HSV	353°, 22%, 95%
XYZ	65.3399, 59.8671, 60.3123
YIQ	206.5310, 29.6620, 13.1020

Conversions

Conversions Part 2

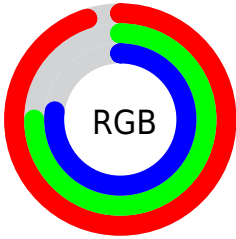
Format	Color
R _{YB}	243, 190, 196
Decimal	15974084
CIE Lab	81.77, 19.88, 4.31
CIE LCh	82, 20.340, 12.232
Yxy	59.8671, 0.3522, 0.3227
Android (android.graphics.Color)	4294164164 (0xFFF3BEC4)
YUV	206.5310, -5.1918, 31.9833
Hunter-Lab	77.3738, 15.3338, 7.9456

Details

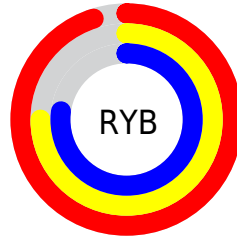
The Yxy color **59.8671, 0.3522, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1768, 0.2834, 0.3355**, and the grayscale version is **62.1002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2634, 0.3143, 0.3223**, and **30.0004, 0.3628, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **49.2931, 0.3776, 0.3196**, and if you desaturate by 10%, it is **72.3429, 0.3317, 0.3257**.

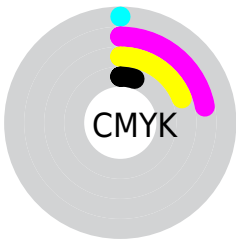
Distribution



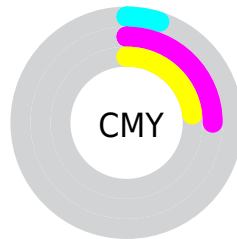
- Red (95%)
- Green (75%)
- Blue (77%)



- Red (95%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8671, 0.3522, 0.3227 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 59.8671, 0.3522, 0.3227 by changing the saturation by 10% instead.

 59.8671, 0.3522,
0.3227

 59.8671, 0.3522,
0.3227

424.1077, 0.3332,
0.3259

 43.3115, 0.3567,
0.3219

 104.6369, 0.3454,
0.3239

 30.1296, 0.3625,
0.3208


133.6198, 0.3429,
0.3243

 19.9370, 0.3699,
0.3194


167.5140, 0.3407,
0.3247

 12.3493, 0.3799,
0.3174

206.7039, 0.3388,
0.3250

 6.9820, 0.3941,
0.3145

251.5738, 0.3371,
0.3253

 3.4508, 0.4158,
0.3096

302.5082, 0.3356,

 1.3714, 0.4529,

0.3255

359.8913, 0.3343,
0.3257

0.3005

0.1955, 0.7744,
0.2256

0.0000, 0.0000,
0.0000

59.8671, 0.3522,
0.3227

59.8671, 0.3522,
0.3227

49.2931, 0.3776,
0.3196

72.3429, 0.3317,
0.3257

40.5196, 0.4087,
0.3167

86.7988, 0.3153,
0.3285

33.4487, 0.4459,
0.3143

97.7977, 0.3054,
0.3290

27.9695, 0.4884,
0.3129

■ 23.9584, 0.5336,
0.3131

■ 21.2732, 0.5764,
0.3154

■ 19.7434, 0.6105,
0.3198

■ 19.1383, 0.6289,
0.3238

Harmonies

Analogous

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



59.8671, 0.3295, 0.3029



59.8671, 0.3522, 0.3227



59.8671, 0.3640, 0.3447

Triad

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



59.8671, 0.3522, 0.3227



59.8671, 0.3209, 0.3727



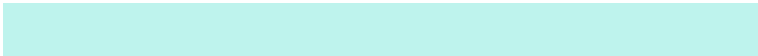
59.8671, 0.2660, 0.2926

Complementary

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



59.8671, 0.3522, 0.3227



81.1768, 0.2834, 0.3355

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.



59.8671, 0.2640, 0.3098



59.8671, 0.3522, 0.3227



59.8671, 0.2949, 0.3574

Square

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



59.8671, 0.3522, 0.3227



59.8671, 0.3453, 0.3747



59.8671, 0.2744, 0.3337



59.8671, 0.2799, 0.2856

Rectangle

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



59.8671, 0.3522, 0.3227



59.8671, 0.3639, 0.3582



59.8671, 0.2744, 0.3337



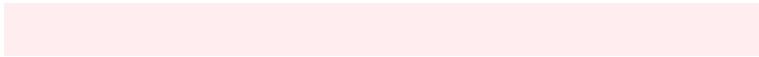
59.8671, 0.2639, 0.2973

Sweetspot

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



59.8698, 0.3522, 0.3227



88.1565, 0.3234, 0.3271



61.2761, 0.3105, 0.2739



18.6618, 0.3244, 0.3269



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.



59.8698, 0.3522, 0.3227



61.5187, 0.3623, 0.3214



69.0295, 0.3526, 0.3508



16.5128, 0.3276, 0.3264



10.5117, 0.6266, 0.3225



0.9336, 0.6011, 0.3085

Inverse Universe

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



59.8698, 0.3522, 0.3227



61.5187, 0.3623, 0.3214



70.0322, 0.2786, 0.3062



16.5128, 0.3276, 0.3264



10.5117, 0.6266, 0.3225



0.9336, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 59.8671, 0.3522, 0.3227 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 59.8671, 0.3522, 0.3227 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 59.8671, 0.3522, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 59.8671, 0.3522, 0.3227.



This preview shows how white text looks on a background with the Yxy color 59.8671, 0.3522, 0.3227.

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

59.8671, 0.3522, 0.3227

Protanopia

60.2891, 0.3158, 0.3290

Deuteranopia

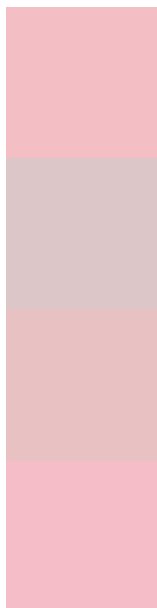
60.0414, 0.3376, 0.3313



Tritanopia

59.9401, 0.3474, 0.3141

Trichromacy



Original Color

59.8671, 0.3522, 0.3227

Protanomaly

59.7739, 0.3287, 0.3268

Deuteranomaly

59.6795, 0.3430, 0.3280

Tritanomaly

59.7984, 0.3499, 0.3173

Monochromacy



Original Color

59.8671, 0.3522, 0.3227

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3007, 0.3261, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8671, 0.3522, 0.3227 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, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 190, 196)  
}
```

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, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 190, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.8671, 0.3522, 0.3227 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, 190, 196) }
```

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

```
.border{ border-color:rgb(243, 190, 196) }
```

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

Here you see how a box with a 4 pixel rgb(243, 190, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 190,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8671, 0.3522, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 190, 196) }
```

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

```
.background{ background-color: rgb(243,  
190, 196) }
```

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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