

Converting Colors

$Y_{xy}(62.7724, 0.3353, 0.2932)$

Have a look what the booklet for
Yxy(62.7724, 0.3353, 0.2932)
contains.

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Color

Yxy(62.7724, 0.3353, 0.2932)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FBBEE1 |
| RGB | 251, 190, 225 |
| RGB Percent | 98%, 75%, 88% |
| CMY | 0.0156, 0.2549, 0.1178 |
| CMYK | 0.00, 0.24, 0.10, 0.02 |
| HSL | 326°, 88%, 86% |
| HSV | 326°, 24%, 98% |
| XYZ | 71.7858, 62.7724, 79.5360 |
| YIQ | 212.2290, 25.1210, 23.8170 |

Conversions

Conversions Part 2

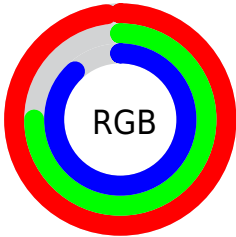
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 251, 190, 225 |
| Decimal | 16498401 |
| CIE _{Lab} | 83.32, 27.23, -8.88 |
| CIE _{LCh} | 83, 28.637, 341.945 |
| Yxy | 62.7724, 0.3353, 0.2932 |
| Android (android.graphics.Color) | 4294688481 (0xFFFBEE1) |
| YUV | 212.2290, 6.2961, 34.0022 |
| Hunter-Lab | 79.2290, 23.0798, -4.0594 |

Details

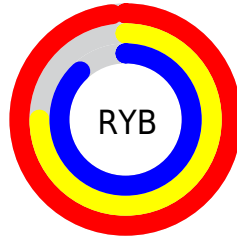
The Yxy color $62.7724, 0.3353, 0.2932$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $84.9105, 0.2952, 0.3678$, and the grayscale version is $65.9444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $31.9799, 0.3406, 0.2843$ is the 20% darker color. If you saturate the color by 10%, you get $52.2549, 0.3477, 0.2779$, and if you desaturate by 10%, it is $75.2047, 0.3248, 0.3084$.

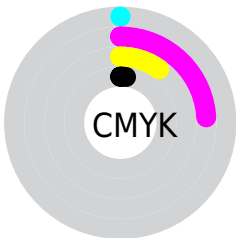
Distribution



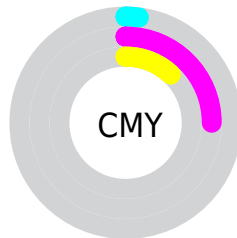
- Red (98%)
- Green (75%)
- Blue (88%)



- Red (98%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7724, 0.3353, 0.2932 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 62.7724, 0.3353, 0.2932 by changing the saturation by 10% instead.


 62.7724, 0.3353,
0.2932

 62.7724, 0.3353,
0.2932

434.7430, 0.3248,
0.3097

 45.6571, 0.3377,
0.2894

 108.8411, 0.3317,
0.2989

 31.9753, 0.3407,
0.2848


138.5633, 0.3302,
0.3011

 21.3427, 0.3444,
0.2790


173.2565, 0.3290,
0.3031

 13.3747, 0.3494,
0.2714

213.3053, 0.3280,
0.3047

 7.6871, 0.3562,
0.2610

259.0939, 0.3270,
0.3062

 3.8954, 0.3659,
0.2463


311.0068, 0.3262,


 1.6152, 0.3813,

0.3075

0.2234


369.4284, 0.3255,
0.3087


 0.3678, 0.4248,
0.1522

 0.0000, 0.0000,
0.0000


 62.7724, 0.3353,
0.2932

 62.7724, 0.3353,
0.2932


 52.2549, 0.3477,
0.2779


 75.2047, 0.3248,
0.3084

 43.5470, 0.3622,
0.2630

 89.6331, 0.3160,
0.3230

 36.5465, 0.3788,
0.2495

 99.2513, 0.3103,
0.3290

 31.1374, 0.3972,
0.2385

■ 27.1889, 0.4170,
0.2312

■ 24.5492, 0.4374,
0.2288

■ 23.0329, 0.4574,
0.2318

■ 22.5192, 0.4686,
0.2355

Harmonies

Analogous

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



62.7724, 0.2984, 0.2754



62.7724, 0.3353, 0.2932



62.7724, 0.3674, 0.3196

Triad

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



62.7724, 0.3353, 0.2932



62.7724, 0.3577, 0.3924



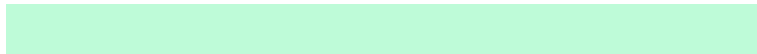
62.7724, 0.2463, 0.3019

Complementary

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



62.7724, 0.3353, 0.2932



84.9105, 0.2952, 0.3678

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.



62.7724, 0.2602, 0.3354



62.7724, 0.3353, 0.2932



62.7724, 0.3237, 0.3907

Square

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



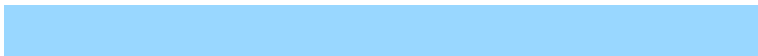
62.7724, 0.3353, 0.2932



62.7724, 0.3802, 0.3762



62.7724, 0.2881, 0.3692



62.7724, 0.2488, 0.2787

Rectangle

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



62.7724, 0.3353, 0.2932



62.7724, 0.3807, 0.3394



62.7724, 0.2881, 0.3692



62.7724, 0.2491, 0.3123

Sweetspot

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



62.7752, 0.3353, 0.2932



88.6540, 0.3182, 0.3191



58.3073, 0.2889, 0.2633



18.7768, 0.3188, 0.3182



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.



62.7752, 0.3353, 0.2932



59.6784, 0.3409, 0.2859



61.2855, 0.3596, 0.3238



17.3919, 0.3204, 0.3155



11.8656, 0.4655, 0.2338



1.1202, 0.4434, 0.2216

Inverse Universe

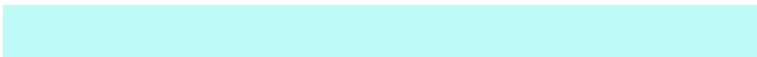
The Inverse Universe completely reimagines the original color for something new.



62.7752, 0.3353, 0.2932



59.6784, 0.3409, 0.2859



86.5989, 0.2794, 0.3344



17.3919, 0.3204, 0.3155



11.8656, 0.4655, 0.2338



1.1202, 0.4434, 0.2216

Previews

White Background



This preview shows how the Yxy color 62.7724, 0.3353, 0.2932 looks on a white background.

Color Contrast Check

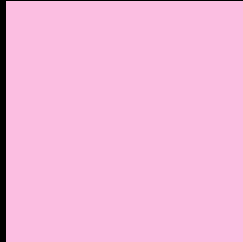
Large Text (above 18pt) WCAG AA × Fail

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 62.7724, 0.3353, 0.2932 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 62.7724, 0.3353, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 62.7724, 0.3353, 0.2932.



This preview shows how white text looks on a background with the Yxy color 62.7724, 0.3353, 0.2932.

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

62.7724, 0.3353, 0.2932

Protanopia

62.8373, 0.2910, 0.2964

Deuteranopia

62.9409, 0.3123, 0.3059



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.7724, 0.3353, 0.2932



Protanomaly

62.2937, 0.3060, 0.2951



Deuteranomaly

62.9258, 0.3202, 0.3011



Tritanomaly

62.8783, 0.3429, 0.3062

Monochromacy



Original Color

62.7724, 0.3353, 0.2932



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.3642, 0.3203, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7724, 0.3353, 0.2932 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(251, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 225)  
}
```

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(251, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 225) }
```

Border

The CSS property to change the border of an element to Yxy 62.7724, 0.3353, 0.2932 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(251, 190, 225) }
```

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

```
.border{ border-color:rgb(251, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7724, 0.3353, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 225) }
```

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

```
.background{ background-color: rgb(251,  
190, 225) }
```

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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