

Converting Colors

Yxy(73.6583, 0.3245, 0.3165)

Have a look what the booklet for
Yxy(73.6583, 0.3245, 0.3165)
contains.

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Color

Yxy(73.7679, 0.3242, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E4
RGB	243, 216, 228
RGB Percent	95%, 85%, 89%
CMY	0.0471, 0.1529, 0.1059
CMYK	0.00, 0.11, 0.06, 0.05
HSL	333°, 53%, 90%
HSV	333°, 11%, 95%
XYZ	75.5149, 73.7679, 83.6440
YIQ	225.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

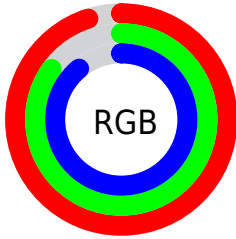
Format	Color
R _Y B	243, 216, 228
Decimal	15980772
CIE Lab	88.81, 11.31, -2.46
CIE LCh	89, 11.578, 347.739
Yxy	73.7679, 0.3242, 0.3167
Android (android.graphics.Color)	4294170852 (0xFFFF3D8E4)
YUV	225.4410, 1.2616, 15.3992
Hunter-Lab	85.8882, 6.6367, 2.3810

Details

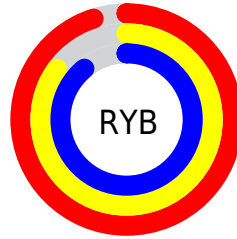
The Yxy color **73.7679, 0.3242, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4623, 0.3025, 0.3416**, and the grayscale version is **75.6132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0717, 0.3268, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **61.5053, 0.3369, 0.3050**, and if you desaturate by 10%, it is **87.9366, 0.3137, 0.3278**.

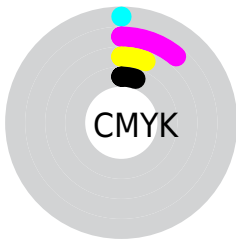
Distribution



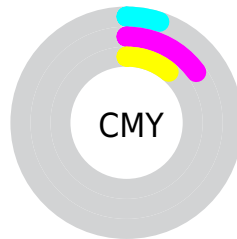
- Red (95%)
- Green (85%)
- Blue (89%)



- Red (95%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7679, 0.3242, 0.3167 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 73.7679, 0.3242, 0.3167 by changing the saturation by 10% instead.


 73.7679, 0.3242,
0.3167

 73.7679, 0.3242,
0.3167


473.6719, 0.3189,
0.3223

 54.6041, 0.3254,
0.3154


124.5667, 0.3224,
0.3186

 39.0848, 0.3269,
0.3139


156.9706, 0.3217,
0.3194

 26.8257, 0.3287,
0.3119


194.5565, 0.3211,
0.3201

 17.4424, 0.3312,
0.3093

237.7090, 0.3205,
0.3206

 10.5504, 0.3345,
0.3058

286.8123, 0.3200,
0.3211

 5.7654, 0.3392,
0.3009

342.2510, 0.3196,

 2.7030, 0.3466,

0.3216

0.2932

404.4094, 0.3193,
0.3220

0.9787, 0.3597,
0.2799

0.0000, 0.8402,
0.0000

73.7679, 0.3242,
0.3167

73.7679, 0.3242,
0.3167

61.5053, 0.3369,
0.3050

87.9366, 0.3137,
0.3278

51.0572, 0.3522,
0.2929

97.7916, 0.3053,
0.3290

42.3391, 0.3705,
0.2811

35.2558, 0.3920,
0.2701

■ 29.7028, 0.4165,
0.2611

■ 25.5634, 0.4436,
0.2553

■ 22.7039, 0.4720,
0.2540

■ 20.9642, 0.5001,
0.2581

■ 20.1309, 0.5237,
0.2658

Harmonies

Analogous

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



73.7679, 0.3102, 0.3085



73.7679, 0.3242, 0.3167



73.7679, 0.3352, 0.3281

Triad

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



73.7679, 0.3242, 0.3167



73.7679, 0.3281, 0.3534



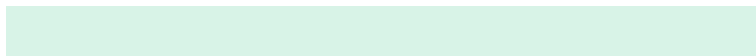
73.7679, 0.2861, 0.3171

Complementary

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



73.7679, 0.3242, 0.3167



84.4623, 0.3025, 0.3416

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.



73.7679, 0.2907, 0.3293



73.7679, 0.3242, 0.3167



73.7679, 0.3147, 0.3507

Square

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



73.7679, 0.3242, 0.3167



73.7679, 0.3374, 0.3493



73.7679, 0.3011, 0.3418



73.7679, 0.2885, 0.3085

Rectangle

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



73.7679, 0.3242, 0.3167



73.7679, 0.3393, 0.3361



73.7679, 0.3011, 0.3418



73.7679, 0.2869, 0.3209

Sweetspot

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



73.7711, 0.3242, 0.3167



94.9448, 0.3156, 0.3258



72.5525, 0.3054, 0.3009



20.0401, 0.3164, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

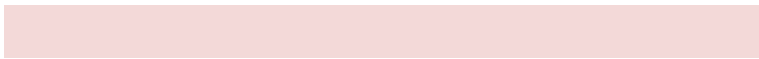
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7711, 0.3242, 0.3167



79.5118, 0.3265, 0.3145



73.8231, 0.3324, 0.3305



16.6047, 0.3224, 0.3185



11.0765, 0.5198, 0.2637



0.9939, 0.4887, 0.2466

Inverse Universe

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



73.7711, 0.3242, 0.3167



79.5118, 0.3265, 0.3145



84.3579, 0.2956, 0.3275



16.6047, 0.3224, 0.3185



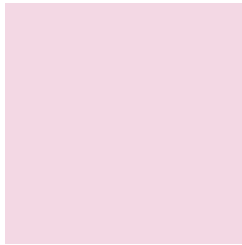
11.0765, 0.5198, 0.2637



0.9939, 0.4887, 0.2466

Previews

White Background



This preview shows how the Yxy color 73.7679, 0.3242, 0.3167 looks on a white background.

Color Contrast Check

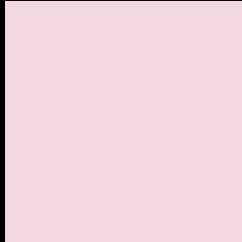
Large Text (above 18pt) WCAG AA × Fail

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 73.7679, 0.3242, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

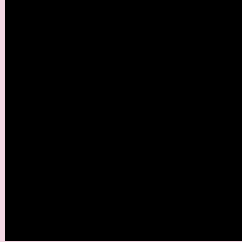
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7679, 0.3242, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 73.7679, 0.3242, 0.3167.



This preview shows how white text looks on a background with the Yxy color 73.7679, 0.3242, 0.3167.

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

73.7679, 0.3242, 0.3167

Protanopia

74.0196, 0.3090, 0.3194

Deuteranopia

73.5904, 0.3235, 0.3166



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.7679, 0.3242, 0.3167

Protanomaly

74.0554, 0.3146, 0.3185

Deuteranomaly

73.5904, 0.3235, 0.3166

Tritanomaly

73.6035, 0.3229, 0.3126

Monochromacy



Original Color

73.7679, 0.3242, 0.3167

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8893, 0.3172, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7679, 0.3242, 0.3167 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, 216, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 228)  
}
```

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, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.7679, 0.3242, 0.3167 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, 216, 228) }
```

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

```
.border{ border-color:rgb(243, 216, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7679, 0.3242, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 228) }
```

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

```
.background{ background-color: rgb(243,  
216, 228) }
```

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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