

Converting Colors

$Y_{xy}(77.9135, 0.3342, 0.3359)$

Have a look what the booklet for
Yxy(77.9135, 0.3342, 0.3359)
contains.

Yxy(78.0952, 0.3338, 0.3362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(78.0952, 0.3338, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	F7E0D9
RGB	247, 224, 217
RGB Percent	97%, 88%, 85%
CMY	0.0314, 0.1215, 0.1489
CMYK	0.00, 0.09, 0.12, 0.03
HSL	14°, 65%, 91%
HSV	14°, 12%, 97%
XYZ	77.5377, 78.0952, 76.6550
YIQ	230.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

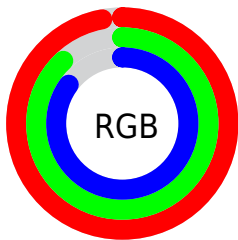
Format	Color
R _Y B	247, 226, 217
Decimal	16244953
CIE Lab	90.82, 6.75, 6.26
CIE LCh	91, 9.202, 42.854
Yxy	78.0952, 0.3338, 0.3362
Android (android.graphics.Color)	4294435033 (0xFFF7E0D9)
YUV	230.0790, -6.4479, 14.8397
Hunter-Lab	88.3715, 1.9669, 10.4308

Details

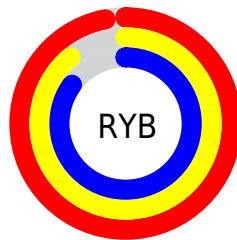
The Yxy color **78.0952, 0.3338, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8003, 0.2940, 0.3217**, and the grayscale version is **79.2344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9317, 0.3384, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **67.2831, 0.3551, 0.3426**, and if you desaturate by 10%, it is **90.2417, 0.3161, 0.3302**.

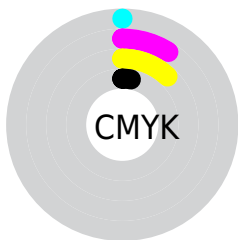
Distribution



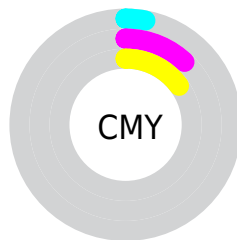
- Red (97%)
- Green (88%)
- Blue (85%)



- Red (97%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0952, 0.3338, 0.3362 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 78.0952, 0.3338, 0.3362 by changing the saturation by 10% instead.


 78.0952, 0.3338,
0.3362

 78.0952, 0.3338,
0.3362

488.4901, 0.3241,
0.3330

 58.1522, 0.3360,
0.3369


130.6843, 0.3305,
0.3351

 41.9310, 0.3387,
0.3378

164.0992, 0.3291,
0.3347

 29.0473, 0.3421,
0.3388


202.7735, 0.3280,
0.3343

 19.1166, 0.3466,
0.3402

247.0916, 0.3270,
0.3340

 11.7546, 0.3526,
0.3420

297.4379, 0.3262,
0.3337

 6.5768, 0.3613,
0.3444

354.1969, 0.3254,

 3.1989, 0.3746,

0.3334

0.3479

417.7528, 0.3247,
0.3332

1.2364, 0.3984,
0.3536

0.0911, 0.7338,
0.2662

78.0952, 0.3338,
0.3362

78.0952, 0.3338,
0.3362

67.2831, 0.3551,
0.3426

90.2417, 0.3161,
0.3302

57.7495, 0.3807,
0.3491

98.5119, 0.3078,
0.3290

49.4494, 0.4109,
0.3555

42.3318, 0.4458,
0.3611

■ 36.3416, 0.4846,
0.3651

■ 31.4193, 0.5252,
0.3664

■ 27.4995, 0.5637,
0.3640

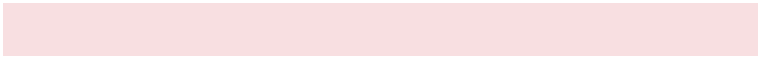
■ 24.5091, 0.5955,
0.3576

■ 22.7477, 0.6141,
0.3506

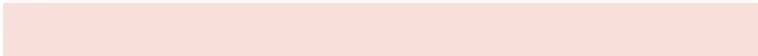
Harmonies

Analogous

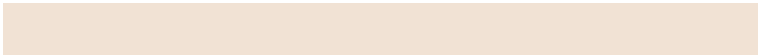
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0952, 0.3291, 0.3268



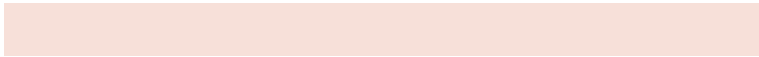
78.0952, 0.3338, 0.3362



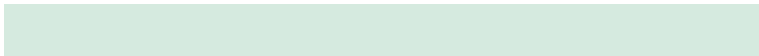
78.0952, 0.3327, 0.3439

Triad

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



78.0952, 0.3338, 0.3362



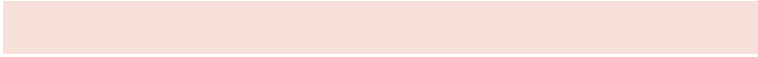
78.0952, 0.3053, 0.3403



78.0952, 0.2992, 0.3107

Complementary

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



78.0952, 0.3338, 0.3362



83.8003, 0.2940, 0.3217

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.



78.0952, 0.2931, 0.3139



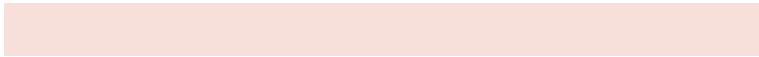
78.0952, 0.3338, 0.3362



78.0952, 0.2965, 0.3310

Square

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



78.0952, 0.3338, 0.3362



78.0952, 0.3161, 0.3465



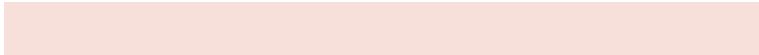
78.0952, 0.2921, 0.3212



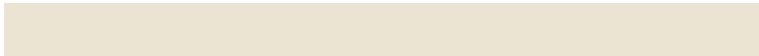
78.0952, 0.3090, 0.3122

Rectangle

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



78.0952, 0.3338, 0.3362



78.0952, 0.3289, 0.3470



78.0952, 0.2921, 0.3212



78.0952, 0.2967, 0.3112

Sweetspot

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



78.0987, 0.3338, 0.3362



94.4687, 0.3192, 0.3313



75.7361, 0.3185, 0.3054



20.0032, 0.3204, 0.3318



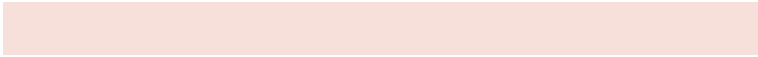
0.0000, 0.0000, 0.0000



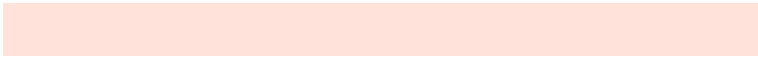
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0987, 0.3338, 0.3362



80.4618, 0.3396, 0.3380



86.2246, 0.3319, 0.3507



17.1085, 0.3288, 0.3346



12.2101, 0.6114, 0.3528



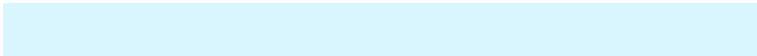
1.2240, 0.5876, 0.3716

Inverse Universe

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



83.8003, 0.2940, 0.3217



87.9031, 0.2895, 0.3198



75.6041, 0.2936, 0.3063



18.0654, 0.2980, 0.3234



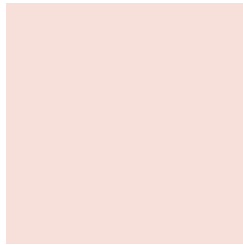
23.1409, 0.2033, 0.2520



2.1886, 0.2063, 0.2628

Previews

White Background



This preview shows how the Yxy color 78.0952, 0.3338, 0.3362 looks on a white background.

Color Contrast Check

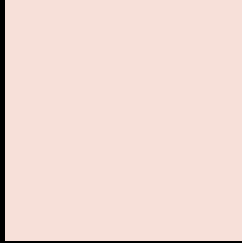
Large Text (above 18pt) WCAG AA × Fail

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 78.0952, 0.3338, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

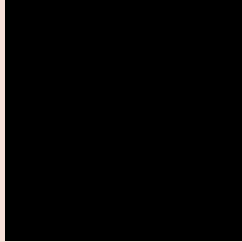
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

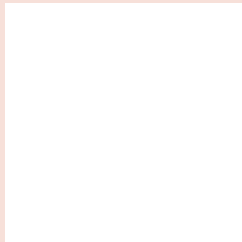
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0952, 0.3338, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 78.0952, 0.3338, 0.3362.

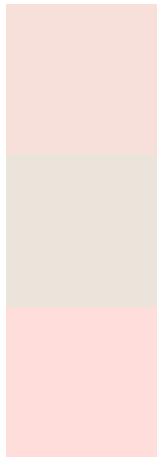


This preview shows how white text looks on a background with the Yxy color 78.0952, 0.3338, 0.3362.

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

78.0952, 0.3338, 0.3362

Protanopia

78.2634, 0.3234, 0.3385

Deuteranopia

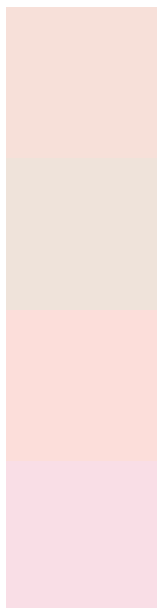
78.0349, 0.3394, 0.3321



Tritanopia

78.2099, 0.3220, 0.3120

Trichromacy



Original Color

78.0952, 0.3338, 0.3362

Protanomaly

78.3508, 0.3270, 0.3384

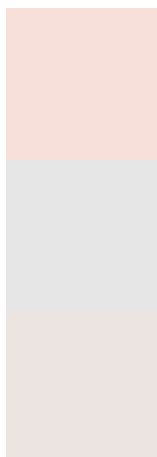
Deuteranomaly

78.0000, 0.3371, 0.3331

Tritanomaly

78.0955, 0.3266, 0.3210

Monochromacy



Original Color

78.0952, 0.3338, 0.3362

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.7559, 0.3202, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0952, 0.3338, 0.3362 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(247, 224, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 217)  
}
```

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(247, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 217) }
```

Border

The CSS property to change the border of an element to Yxy 78.0952, 0.3338, 0.3362 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(247, 224, 217) }
```

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

```
.border{ border-color:rgb(247, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0952, 0.3338, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 217) }
```

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

```
.background{ background-color: rgb(247,  
224, 217) }
```

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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