

Converting Colors

$Y_{xy}(78.2756, 0.3276, 0.3354)$

Have a look what the booklet for
Yxy(78.2756, 0.3276, 0.3354)
contains.

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Color

Yxy(78.2608, 0.3272, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2DC
RGB	241, 226, 220
RGB Percent	95%, 89%, 86%
CMY	0.0549, 0.1137, 0.1371
CMYK	0.00, 0.06, 0.09, 0.05
HSL	17°, 43%, 90%
HSV	17°, 9%, 95%
XYZ	76.3930, 78.2608, 78.8211
YIQ	229.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

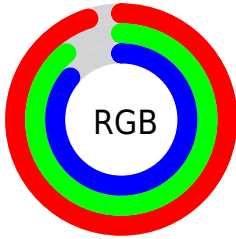
Format	Color
R_{YB}	241, 228, 220
Decimal	15852252
CIE Lab	90.90, 4.11, 4.73
CIE LCh	91, 6.265, 49.000
Yxy	78.2608, 0.3272, 0.3352
Android (android.graphics.Color)	4294042332 (0xFFFF1E2DC)
YUV	229.8010, -4.8319, 9.8215
Hunter-Lab	88.4651, -0.6725, 9.0991

Details

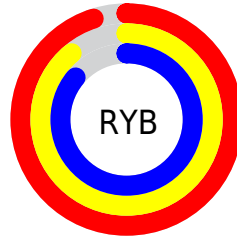
The Yxy color **78.2608, 0.3272, 0.3352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0107, 0.2993, 0.3227**, and the grayscale version is **79.0096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1567, 0.3307, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **68.1652, 0.3469, 0.3428**, and if you desaturate by 10%, it is **89.4907, 0.3107, 0.3281**.

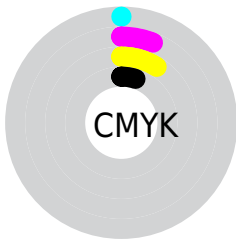
Distribution



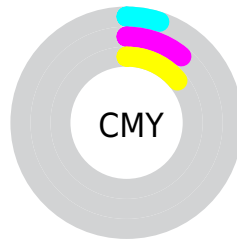
- Red (95%)
- Green (89%)
- Blue (86%)



- Red (95%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2608, 0.3272, 0.3352 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 78.2608, 0.3272, 0.3352 by changing the saturation by 10% instead.


 78.2608, 0.3272,
0.3352

 78.2608, 0.3272,
0.3352


489.0521, 0.3206,
0.3324

 58.2882, 0.3287,
0.3358


130.9177, 0.3249,
0.3342

 42.0404, 0.3306,
0.3366


164.3708, 0.3240,
0.3339

 29.1329, 0.3329,
0.3375


203.0863, 0.3232,
0.3335

 19.1814, 0.3359,
0.3387

247.4484, 0.3226,
0.3333

 11.8014, 0.3401,
0.3404

297.8417, 0.3220,
0.3330

 6.6086, 0.3460,
0.3427

354.6505, 0.3215,

 3.2186, 0.3551,

0.3328

0.3461

418.2591, 0.3210,
0.3326

1.2469, 0.3710,
0.3516

0.0995, 0.6620,
0.3380

78.2608, 0.3272,
0.3352

78.2608, 0.3272,
0.3352

68.1652, 0.3469,
0.3428

89.4907, 0.3107,
0.3281

59.1581, 0.3702,
0.3507

97.4395, 0.3041,
0.3290

51.2053, 0.3977,
0.3586

44.2674, 0.4294,
0.3659

■ 38.3019, 0.4650,
0.3718

■ 33.2636, 0.5029,
0.3752

■ 29.1031, 0.5404,
0.3748

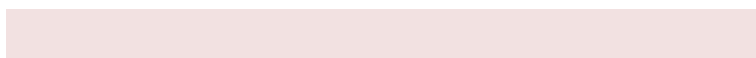
■ 25.7659, 0.5738,
0.3699

■ 23.1869, 0.5997,
0.3609

Harmonies

Analogous

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



78.2608, 0.3248, 0.3289



78.2608, 0.3272, 0.3352



78.2608, 0.3257, 0.3400

Triad

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



78.2608, 0.3272, 0.3352



78.2608, 0.3063, 0.3355



78.2608, 0.3048, 0.3164

Complementary

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



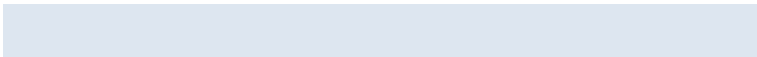
78.2608, 0.3272, 0.3352



81.0107, 0.2993, 0.3227

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.



78.2608, 0.2999, 0.3180



78.2608, 0.3272, 0.3352



78.2608, 0.3008, 0.3290

Square

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



78.2608, 0.3272, 0.3352



78.2608, 0.3135, 0.3402



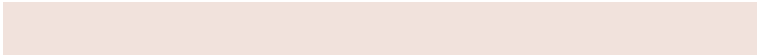
78.2608, 0.2985, 0.3226



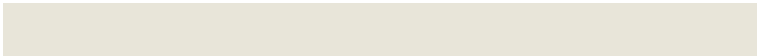
78.2608, 0.3118, 0.3181

Rectangle

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



78.2608, 0.3272, 0.3352



78.2608, 0.3226, 0.3416



78.2608, 0.2985, 0.3226



78.2608, 0.3028, 0.3166

Sweetspot

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



78.2642, 0.3272, 0.3352



96.0738, 0.3175, 0.3311



75.9121, 0.3176, 0.3136



20.3434, 0.3188, 0.3317



0.0000, 0.0000, 0.0000



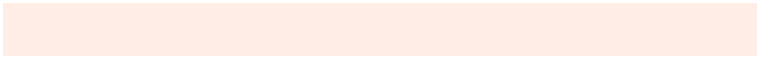
21.4041, 0.3127, 0.3290

Same Dimension

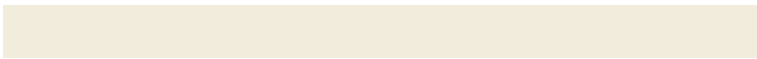
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2642, 0.3272, 0.3352



87.3701, 0.3296, 0.3362



84.1224, 0.3261, 0.3458



16.4909, 0.3286, 0.3358



12.6163, 0.5998, 0.3619



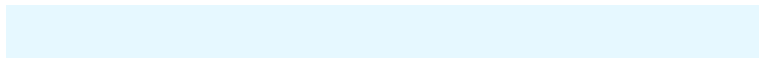
1.2129, 0.5741, 0.3824

Inverse Universe

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



81.0107, 0.2993, 0.3227



90.9402, 0.2972, 0.3217



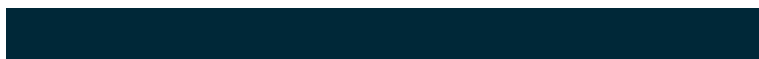
75.1999, 0.2992, 0.3116



17.1249, 0.2981, 0.3221



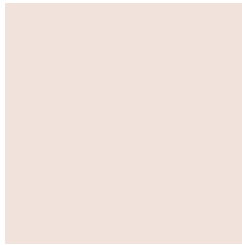
19.7799, 0.1983, 0.2338



1.8139, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 78.2608, 0.3272, 0.3352 looks on a white background.

Color Contrast Check

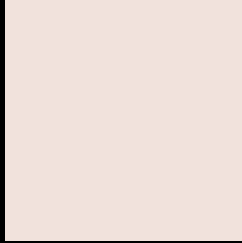
Large Text (above 18pt) WCAG AA × Fail

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 78.2608, 0.3272, 0.3352 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

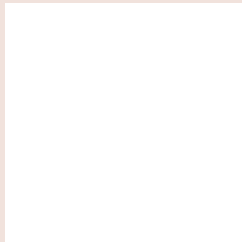
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2608, 0.3272, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 78.2608, 0.3272, 0.3352.

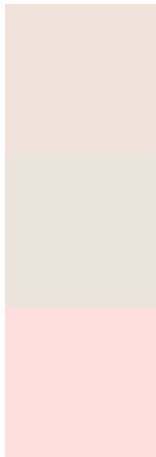


This preview shows how white text looks on a background with the Yxy color 78.2608, 0.3272, 0.3352.

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

78.2608, 0.3272, 0.3352

Protanopia

78.3694, 0.3221, 0.3363

Deuteranopia

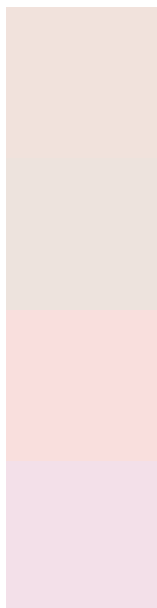
78.0042, 0.3366, 0.3291



Tritanopia

78.2997, 0.3163, 0.3118

Trichromacy



Original Color

78.2608, 0.3272, 0.3352

Protanomaly

78.1632, 0.3236, 0.3353

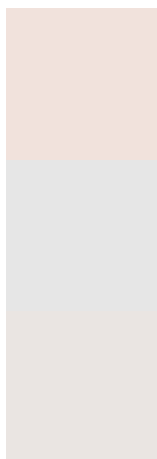
Deuteranomaly

78.1355, 0.3327, 0.3311

Tritanomaly

78.2492, 0.3202, 0.3199

Monochromacy



Original Color

78.2608, 0.3272, 0.3352

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0220, 0.3181, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2608, 0.3272, 0.3352 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(241, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 220)  
}
```

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(241, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.2608, 0.3272, 0.3352 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(241, 226, 220) }
```

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

```
.border{ border-color:rgb(241, 226, 220) }
```

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

Here you see how a box with a 4 pixel rgb(241, 226, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2608, 0.3272, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 220) }
```

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

```
.background{ background-color: rgb(241,  
226, 220) }
```

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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