

Converting Colors

$Y_{xy}(75.1701, 0.3241, 0.3279)$

Have a look what the booklet for
Yxy(75.1701, 0.3241, 0.3279)
contains.

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Color

Yxy(75.1640, 0.3242, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDDE
RGB	238, 221, 222
RGB Percent	93%, 87%, 87%
CMY	0.0668, 0.1333, 0.1294
CMYK	0.00, 0.07, 0.07, 0.07
HSL	357°, 33%, 90%
HSV	357°, 7%, 93%
XYZ	74.2932, 75.1640, 79.7013
YIQ	226.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

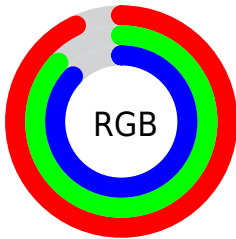
Format	Color
R _Y B	238, 221, 222
Decimal	15654366
CIE Lab	89.47, 5.97, 1.60
CIE LCh	89, 6.181, 14.988
Yxy	75.1640, 0.3242, 0.3280
Android (android.graphics.Color)	4293844446 (0xFFEEDDDE)
YUV	226.1970, -2.0691, 10.3512
Hunter-Lab	86.6972, 1.2415, 6.1823

Details

The Yxy color **75.1640, 0.3242, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6185, 0.3023, 0.3300**, and the grayscale version is **76.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0075, 0.3268, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **62.3550, 0.3437, 0.3265**, and if you desaturate by 10%, it is **89.9203, 0.3086, 0.3294**.

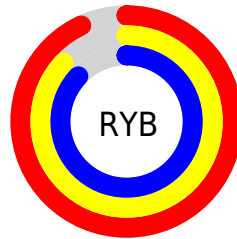
Distribution



Red (93%)

Green (87%)

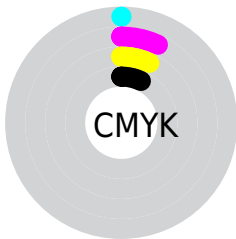
Blue (87%)



Red (93%)

Yellow (87%)

Blue (87%)

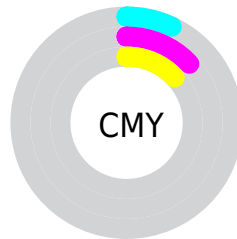


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1640, 0.3242, 0.3280 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 75.1640, 0.3242, 0.3280 by changing the saturation by 10% instead.

 75.1640, 0.3242,
0.3280

 75.1640, 0.3242,
0.3280


478.4811, 0.3189,
0.3285

 55.7473, 0.3254,
0.3279


126.5445, 0.3224,
0.3282

 40.0003, 0.3269,
0.3277

159.2770, 0.3217,
0.3282

 27.5388, 0.3288,
0.3276


197.2169, 0.3210,
0.3283

 17.9783, 0.3313,
0.3273

240.7486, 0.3205,
0.3283

 10.9344, 0.3346,
0.3269

290.2565, 0.3200,
0.3284

 6.0227, 0.3395,
0.3264

346.1249, 0.3196,

 2.8589, 0.3471,

0.3284

0.3255

408.7383, 0.3192,
0.3285

■ 1.0585, 0.3608,
0.3238

■ 0.0000, 1.0000,
0.0000

■ 75.1640, 0.3242,
0.3280

■ 75.1640, 0.3242,
0.3280

■ 62.3550, 0.3437,
0.3265

■ 89.9203, 0.3086,
0.3294

■ 51.4028, 0.3681,
0.3250

■ 96.9116, 0.3023,
0.3290

■ 42.2240, 0.3983,
0.3235

■ 34.7255, 0.4349,
0.3221

■ 28.8055, 0.4775,
0.3213

■ 24.3509, 0.5240,
0.3212

■ 21.2342, 0.5696,
0.3221

■ 19.3054, 0.6073,
0.3242

■ 18.3718, 0.6311,
0.3270

Harmonies

Analogous

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



75.1640, 0.3182, 0.3219



75.1640, 0.3242, 0.3280



75.1640, 0.3271, 0.3344

Triad

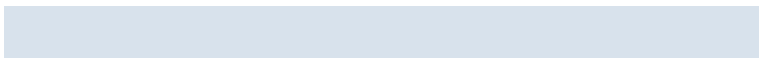
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1640, 0.3242, 0.3280



75.1640, 0.3145, 0.3407



75.1640, 0.2995, 0.3185

Complementary

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



75.1640, 0.3242, 0.3280



82.6185, 0.3023, 0.3300

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.



75.1640, 0.2986, 0.3234



75.1640, 0.3242, 0.3280



75.1640, 0.3072, 0.3363

Square

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



75.1640, 0.3242, 0.3280



75.1640, 0.3215, 0.3418



75.1640, 0.3014, 0.3299



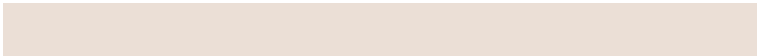
75.1640, 0.3039, 0.3164

Rectangle

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



75.1640, 0.3242, 0.3280



75.1640, 0.3269, 0.3380



75.1640, 0.3014, 0.3299



75.1640, 0.2988, 0.3198

Sweetspot

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



75.1673, 0.3242, 0.3280



96.4836, 0.3158, 0.3287



75.8694, 0.3127, 0.3115



20.6883, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



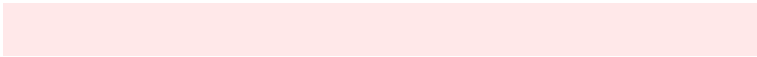
21.4041, 0.3127, 0.3290

Same Dimension

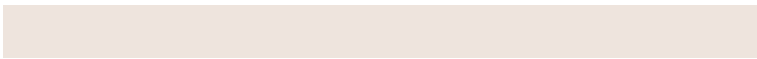
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1673, 0.3242, 0.3280



84.9067, 0.3276, 0.3277



79.0792, 0.3242, 0.3367



15.7738, 0.3284, 0.3277



10.1645, 0.6339, 0.3266



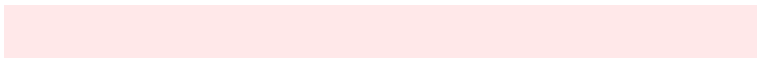
0.8508, 0.6182, 0.3179

Inverse Universe

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



75.1673, 0.3242, 0.3280



84.9067, 0.3276, 0.3277



78.4865, 0.3017, 0.3212



15.7738, 0.3284, 0.3277



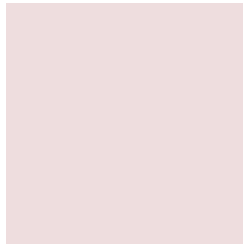
10.1645, 0.6339, 0.3266



0.8508, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 75.1640, 0.3242, 0.3280 looks on a white background.

Color Contrast Check

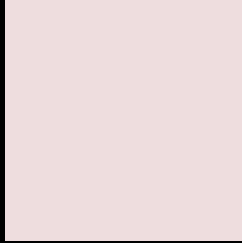
Large Text (above 18pt) WCAG AA × Fail

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 75.1640, 0.3242, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

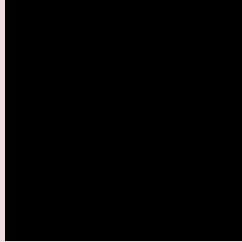
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

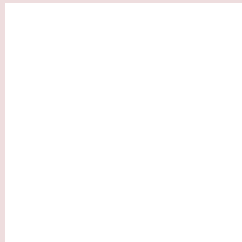
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1640, 0.3242, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 75.1640, 0.3242, 0.3280.

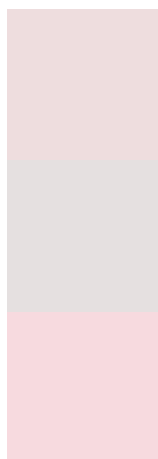


This preview shows how white text looks on a background with the Yxy color 75.1640, 0.3242, 0.3280.

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

75.1640, 0.3242, 0.3280

Protanopia

75.3511, 0.3162, 0.3290

Deuteranopia

75.2447, 0.3304, 0.3239



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.1640, 0.3242, 0.3280

Protanomaly

75.2589, 0.3191, 0.3290

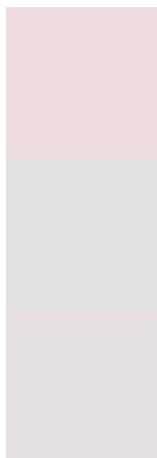
Deuteranomaly

75.2238, 0.3281, 0.3249

Tritanomaly

75.3066, 0.3189, 0.3177

Monochromacy



Original Color

75.1640, 0.3242, 0.3280

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5705, 0.3163, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1640, 0.3242, 0.3280 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(238, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 222)  
}
```

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(238, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.1640, 0.3242, 0.3280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

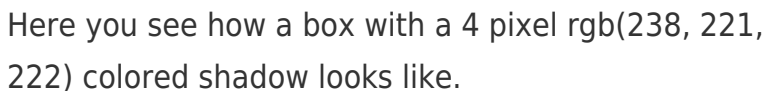
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 221, 222) }
```

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

```
.border{ border-color:rgb(238, 221, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 221, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 221, 222); box-shadow:4px 4px 4px 4px rgb(238, 221, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1640, 0.3242, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 222) }
```

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

```
.background{ background-color: rgb(238,  
221, 222) }
```

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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