

Converting Colors

$Yxy(73.0323, 0.3208, 0.3327)$

Have a look what the booklet for
Yxy(73.0323, 0.3208, 0.3327)
contains.

Yxy(72.8542, 0.3212, 0.3322)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.8542, 0.3212, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E5DCD9
RGB	229, 220, 217
RGB Percent	90%, 86%, 85%
CMY	0.1018, 0.1373, 0.1489
CMYK	0.00, 0.04, 0.05, 0.10
HSL	15°, 19%, 87%
HSV	15°, 5%, 90%
XYZ	70.4418, 72.8542, 76.0122
YIQ	222.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

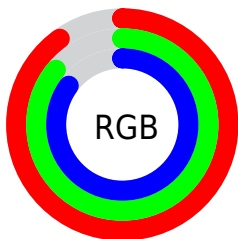
Format	Color
R _Y B	229, 221, 217
Decimal	15064281
CIE Lab	88.38, 2.58, 2.54
CIE LCh	88, 3.618, 44.618
Yxy	72.8542, 0.3212, 0.3322
Android (android.graphics.Color)	4293254361 (0xFFE5DCD9)
YUV	222.3490, -2.6371, 5.8329
Hunter-Lab	85.3547, -2.0576, 6.9478

Details

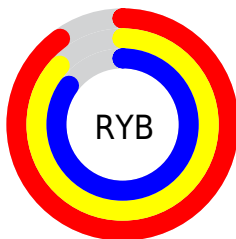
The Yxy color **72.8542, 0.3212, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8468, 0.3046, 0.3258**, and the grayscale version is **73.3281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5176, 0.3238, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **63.1552, 0.3398, 0.3387**, and if you desaturate by 10%, it is **83.6592, 0.3057, 0.3262**.

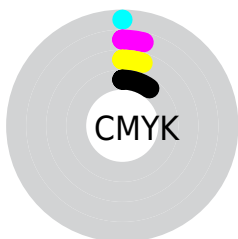
Distribution



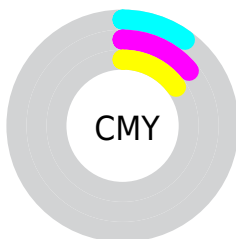
- Red (90%)
- Green (86%)
- Blue (85%)



- Red (90%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (10%)





- Cyan (10%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8542, 0.3212, 0.3322 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 72.8542, 0.3212, 0.3322 by changing the saturation by 10% instead.


 72.8542, 0.3212,
0.3322

 72.8542, 0.3212,
0.3322


470.5093, 0.3173,
0.3307

 53.8568, 0.3221,
0.3325


123.2702, 0.3198,
0.3317

 38.4872, 0.3232,
0.3329


155.4576, 0.3193,
0.3315

 26.3610, 0.3246,
0.3335


192.8103, 0.3188,
0.3313

 17.0939, 0.3265,
0.3341

235.7129, 0.3184,
0.3312

 10.3015, 0.3290,
0.3350

284.5497, 0.3181,
0.3311

 5.5993, 0.3328,
0.3363

339.7051, 0.3178,

 2.6030, 0.3386,

0.3309

0.3383

401.5635, 0.3175,
0.3308

0.9282, 0.3502,
0.3426

0.0000, 0.0000,
0.0000

72.8542, 0.3212,
0.3322

72.8542, 0.3212,
0.3322

63.1552, 0.3398,
0.3387

83.6592, 0.3057,
0.3262

54.5176, 0.3621,
0.3455

95.0791, 0.2970,
0.3284

46.9080, 0.3887,
0.3524

95.4041, 0.2970,
0.3290

40.2872, 0.4198,
0.3589

■ 34.6138, 0.4553,
0.3645

■ 29.8433, 0.4942,
0.3681

■ 25.9274, 0.5338,
0.3687

■ 22.8130, 0.5704,
0.3652

■ 20.4401, 0.5994,
0.3576

Harmonies

Analogous

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



72.8542, 0.3195, 0.3284



72.8542, 0.3212, 0.3322



72.8542, 0.3206, 0.3352

Triad

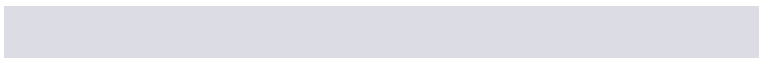
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8542, 0.3212, 0.3322



72.8542, 0.3095, 0.3333



72.8542, 0.3075, 0.3216

Complementary

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



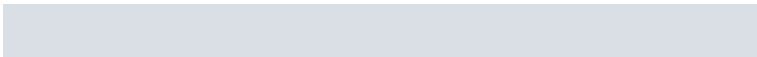
72.8542, 0.3212, 0.3322



74.8468, 0.3046, 0.3258

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.



72.8542, 0.3049, 0.3228



72.8542, 0.3212, 0.3322



72.8542, 0.3060, 0.3296

Square

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



72.8542, 0.3212, 0.3322



72.8542, 0.3139, 0.3359



72.8542, 0.3043, 0.3257



72.8542, 0.3115, 0.3223

Rectangle

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



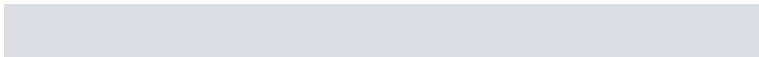
72.8542, 0.3212, 0.3322



72.8542, 0.3190, 0.3363



72.8542, 0.3043, 0.3257



72.8542, 0.3064, 0.3218

Sweetspot

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



72.8574, 0.3212, 0.3322



97.2497, 0.3159, 0.3302



71.8074, 0.3152, 0.3192



20.8443, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



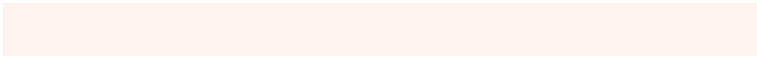
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8574, 0.3212, 0.3322



91.9208, 0.3226, 0.3327



75.9779, 0.3207, 0.3384



15.5570, 0.3236, 0.3331



11.3308, 0.6080, 0.3555



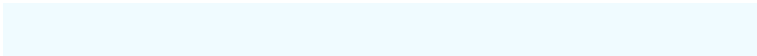
0.9813, 0.5795, 0.3781

Inverse Universe

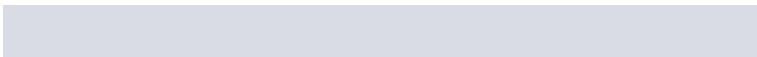
The Inverse Universe completely reimagines the original color for something new.



74.8468, 0.3046, 0.3258



94.8263, 0.3034, 0.3253



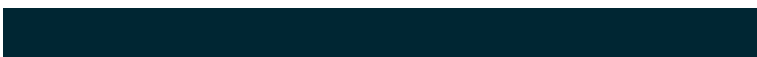
71.7219, 0.3047, 0.3194



16.0987, 0.3025, 0.3249



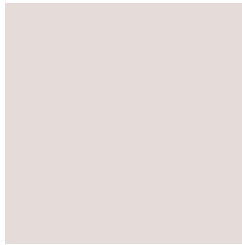
20.4038, 0.2020, 0.2473



1.6515, 0.2057, 0.2606

Previews

White Background



This preview shows how the Yxy color 72.8542, 0.3212, 0.3322 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 72.8542, 0.3212, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

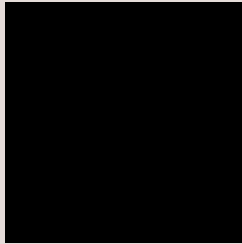
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

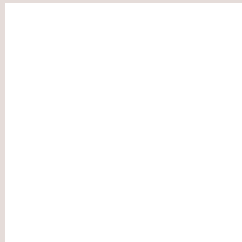
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8542, 0.3212, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 72.8542, 0.3212, 0.3322.

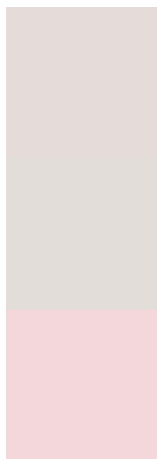


This preview shows how white text looks on a background with the Yxy color 72.8542, 0.3212, 0.3322.

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

72.8542, 0.3212, 0.3322

Protanopia

73.0536, 0.3197, 0.3333

Deuteranopia

72.8959, 0.3321, 0.3259



Tritanopia

72.7220, 0.3121, 0.3112

Trichromacy



Original Color

72.8542, 0.3212, 0.3322

Protanomaly

73.2166, 0.3204, 0.3333

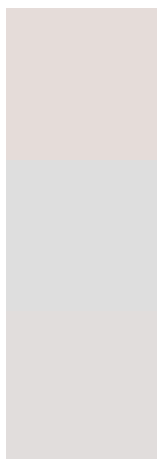
Deuteranomaly

73.0384, 0.3281, 0.3280

Tritanomaly

72.7332, 0.3154, 0.3184

Monochromacy



Original Color

72.8542, 0.3212, 0.3322

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8878, 0.3162, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8542, 0.3212, 0.3322 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(229, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 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(229, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.8542, 0.3212, 0.3322 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(229, 220, 217) }
```

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

```
.border{ border-color:rgb(229, 220, 217) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
217) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8542, 0.3212, 0.3322$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 217) }
```

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

```
.background{ background-color: rgb(229,  
220, 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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