

Converting Colors

Yxy(72.4622, 0.3185, 0.3387)

Have a look what the booklet for
Yxy(72.4622, 0.3185, 0.3387)
contains.

Yxy(72.5762, 0.3187, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5762, 0.3187, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	DEDED5
RGB	222, 222, 213
RGB Percent	87%, 87%, 84%
CMY	0.1292, 0.1295, 0.1647
CMYK	0.00, 0.00, 0.04, 0.13
HSL	60°, 12%, 85%
HSV	60°, 4%, 87%
XYZ	68.2705, 72.5762, 73.3688
YIQ	220.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

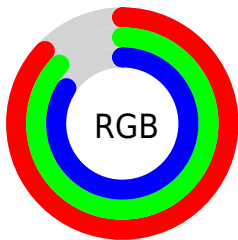
Format	Color
RYB	213, 222, 213
Decimal	14606037
CIELab	88.25, -1.55, 4.39
CIELCh	88, 4.658, 109.424
Yxy	72.5762, 0.3187, 0.3388
Android (android.graphics.Color)	4292796117 (0xFFDEDED5)
YUV	220.9740, -3.9312, 0.8998
Hunter-Lab	85.1917, -6.0400, 8.5724

Details

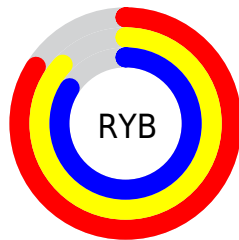
The Yxy color **72.5762, 0.3187, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0580, 0.3066, 0.3190**, and the grayscale version is **72.3216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3215, 0.3205, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **71.4304, 0.3338, 0.3635**, and if you desaturate by 10%, it is **73.8828, 0.3042, 0.3151**.

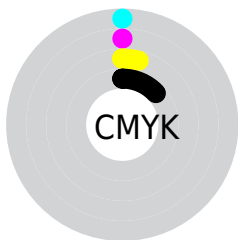
Distribution



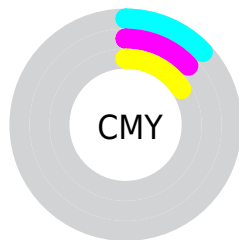
- Red (87%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5762, 0.3187, 0.3388 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 72.5762, 0.3187, 0.3388 by changing the saturation by 10% instead.

■ 72.5762, 0.3187,
0.3388

■ 72.5762, 0.3187,
0.3388

469.5447, 0.3159,
0.3343

■ 53.6295, 0.3193,
0.3398

122.8754, 0.3177,
0.3372

■ 38.3055, 0.3201,
0.3411

154.9967, 0.3174,
0.3366

■ 26.2199, 0.3211,
0.3428

192.2782, 0.3170,
0.3361

■ 16.9882, 0.3224,
0.3450

235.1045, 0.3168,
0.3356

■ 10.2261, 0.3242,
0.3479

283.8599, 0.3165,
0.3352

■ 5.5491, 0.3267,
0.3523

338.9288, 0.3163,

■ 2.5729, 0.3307,

0.3349

0.3592

400.6956, 0.3161,
0.3345

■ 0.9131, 0.3415,
0.3758

■ 0.0000, 0.0000,
0.0000

■ 72.5762, 0.3187,
0.3388

■ 72.5762, 0.3187,
0.3388

■ 71.4304, 0.3338,
0.3635

■ 73.8828, 0.3042,
0.3151

■ 70.4297, 0.3490,
0.3884

■ 75.1895, 0.2920,
0.2951

■ 69.5706, 0.3641,
0.4130

■ 75.2872, 0.2920,
0.2953

■ 68.8460, 0.3783,
0.4362

■ 75.3849, 0.2920,
0.2955

68.2480, 0.3912,
0.4570

75.4827, 0.2920,
0.2957

67.7682, 0.4021,
0.4746

75.5807, 0.2920,
0.2959

67.3968, 0.4106,
0.4882

75.6787, 0.2921,
0.2961

67.1226, 0.4164,
0.4975

75.7769, 0.2921,
0.2963

66.9321, 0.4197,
0.5025

75.8752, 0.2921,
0.2965

Harmonies

Analogous

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



72.5762, 0.3225, 0.3374



72.5762, 0.3187, 0.3388



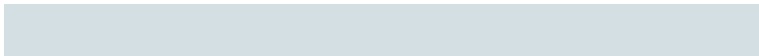
72.5762, 0.3133, 0.3375

Triad

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



72.5762, 0.3187, 0.3388



72.5762, 0.3018, 0.3241



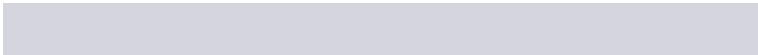
72.5762, 0.3177, 0.3242

Complementary

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



72.5762, 0.3187, 0.3388



67.0580, 0.3066, 0.3190

Split Complementary

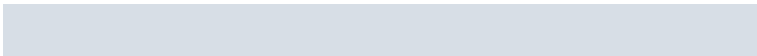
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5762, 0.3121, 0.3207



72.5762, 0.3187, 0.3388



72.5762, 0.3030, 0.3206

Square

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



72.5762, 0.3187, 0.3388



72.5762, 0.3036, 0.3289



72.5762, 0.3067, 0.3194



72.5762, 0.3220, 0.3290

Rectangle

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



72.5762, 0.3187, 0.3388



72.5762, 0.3095, 0.3353



72.5762, 0.3067, 0.3194



72.5762, 0.3159, 0.3229

Sweetspot

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



72.5793, 0.3187, 0.3388



99.8234, 0.3142, 0.3314



67.9468, 0.3193, 0.3289



21.3682, 0.3141, 0.3313



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.



72.5793, 0.3187, 0.3388



99.1387, 0.3201, 0.3411



71.9371, 0.3156, 0.3390



16.1077, 0.3211, 0.3427



39.6890, 0.4208, 0.5041



2.7574, 0.4205, 0.5043

Inverse Universe

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



67.0580, 0.3066, 0.3190



89.8575, 0.3051, 0.3166



67.6833, 0.3098, 0.3190



14.4161, 0.3041, 0.3149



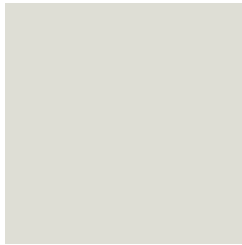
3.1641, 0.1502, 0.0605



0.2258, 0.1506, 0.0622

Previews

White Background



This preview shows how the Yxy color 72.5762, 0.3187, 0.3388 looks on a white background.

Color Contrast Check

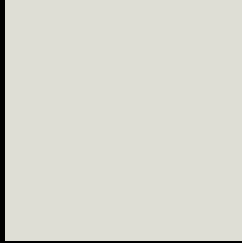
Large Text (above 18pt) WCAG AA × Fail

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 72.5762, 0.3187, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

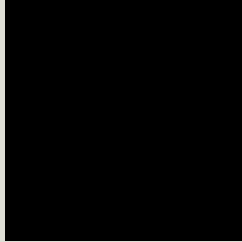
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

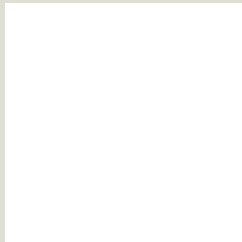
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5762, 0.3187, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 72.5762, 0.3187, 0.3388.

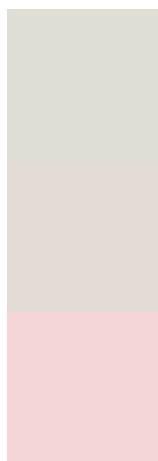


This preview shows how white text looks on a background with the Yxy color 72.5762, 0.3187, 0.3388.

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

72.5762, 0.3187, 0.3388

Protanopia

72.2708, 0.3231, 0.3377

Deuteranopia

72.4119, 0.3351, 0.3280



Tritanopia

72.7267, 0.3058, 0.3110

Trichromacy



Original Color

72.5762, 0.3187, 0.3388

Protanomaly

72.4739, 0.3216, 0.3388

Deuteranomaly

72.4853, 0.3294, 0.3322

Tritanomaly

72.6351, 0.3103, 0.3204

Monochromacy



Original Color

72.5762, 0.3187, 0.3388

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1470, 0.3147, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5762, 0.3187, 0.3388 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(222, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 213)  
}
```

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(222, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.5762, 0.3187, 0.3388 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(222, 222, 213) }
```

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

```
.border{ border-color:rgb(222, 222, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5762, 0.3187, 0.3388$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 213) }
```

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

```
.background{ background-color: rgb(222,  
222, 213) }
```

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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