

Converting Colors

$Y_{xy}(72.6860, 0.3250, 0.3475)$

Have a look what the booklet for
Yxy(72.6860, 0.3250, 0.3475)
contains.

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Color

Yxy(72.4976, 0.3255, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	E0DECD
RGB	224, 222, 205
RGB Percent	88%, 87%, 80%
CMY	0.1215, 0.1294, 0.1960
CMYK	0.00, 0.01, 0.08, 0.12
HSL	54°, 23%, 84%
HSV	54°, 8%, 88%
XYZ	67.8883, 72.4976, 68.1803
YIQ	220.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

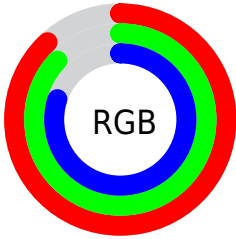
Format	Color
R_{YB}	207, 224, 205
Decimal	14737101
CIE Lab	88.21, -2.22, 8.56
CIE LCh	88, 8.847, 104.559
Yxy	72.4976, 0.3255, 0.3476
Android (android.graphics.Color)	4292927181 (0xFFE0DECD)
YUV	220.6600, -7.7204, 2.9292
Hunter-Lab	85.1455, -6.6829, 12.1254

Details

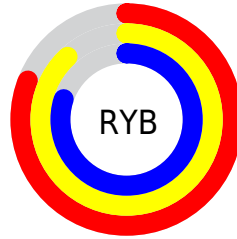
The Yxy color **72.4976, 0.3255, 0.3476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0112, 0.2996, 0.3097**, and the grayscale version is **72.1119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3068, 0.3286, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **70.2332, 0.3413, 0.3702**, and if you desaturate by 10%, it is **74.9413, 0.3105, 0.3258**.

Distribution



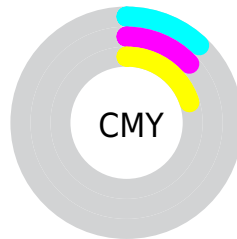
- Red (88%)
- Green (87%)
- Blue (80%)



- Red (81%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4976, 0.3255, 0.3476 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 72.4976, 0.3255, 0.3476 by changing the saturation by 10% instead.

■ 72.4976, 0.3255,
0.3476

■ 72.4976, 0.3255,
0.3476

469.2717, 0.3196,
0.3389

■ 53.5653, 0.3268,
0.3496

122.7637, 0.3235,
0.3446

■ 38.2542, 0.3285,
0.3521

154.8663, 0.3227,
0.3434

■ 26.1800, 0.3306,
0.3552

192.1277, 0.3220,
0.3424

■ 16.9584, 0.3334,
0.3593

234.9324, 0.3214,
0.3415

■ 10.2048, 0.3371,
0.3650

283.6648, 0.3208,
0.3408

■ 5.5350, 0.3425,
0.3733

338.7092, 0.3204,

■ 2.5644, 0.3509,

0.3401

400.4500, 0.3200,
0.3395

0.3864

0.9088, 0.3838,
0.4310

0.0000, 0.0000,
0.0000

72.4976, 0.3255,
0.3476

72.4976, 0.3255,
0.3476

70.2332, 0.3413,
0.3702

74.9413, 0.3105,
0.3258

68.1319, 0.3575,
0.3930

77.5611, 0.2965,
0.3051

66.1898, 0.3738,
0.4153

79.2065, 0.2935,
0.3024

64.3994, 0.3895,
0.4361

80.5410, 0.2935,
0.3049

62.7521, 0.4040,
0.4545

81.8938, 0.2936,
0.3074

61.2387, 0.4166,
0.4695

83.2650, 0.2936,
0.3099

59.8487, 0.4268,
0.4804

84.6546, 0.2937,
0.3124

58.5696, 0.4342,
0.4867

86.0628, 0.2937,
0.3149

57.3831, 0.4390,
0.4889

87.4896, 0.2938,
0.3173

Harmonies

Analogous

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



72.4976, 0.3322, 0.3441



72.4976, 0.3255, 0.3476



72.4976, 0.3155, 0.3460

Triad

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



72.4976, 0.3255, 0.3476



72.4976, 0.2923, 0.3209



72.4976, 0.3205, 0.3187

Complementary

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



72.4976, 0.3255, 0.3476



63.0112, 0.2996, 0.3097

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.



72.4976, 0.3097, 0.3127



72.4976, 0.3255, 0.3476



72.4976, 0.2936, 0.3138

Square

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



72.4976, 0.3255, 0.3476



72.4976, 0.2964, 0.3304



72.4976, 0.2999, 0.3109



72.4976, 0.3293, 0.3274

Rectangle

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



72.4976, 0.3255, 0.3476



72.4976, 0.3082, 0.3423



72.4976, 0.2999, 0.3109



72.4976, 0.3170, 0.3163

Sweetspot

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



72.5008, 0.3255, 0.3476



98.9969, 0.3172, 0.3355



64.0369, 0.3257, 0.3266



21.1328, 0.3184, 0.3373



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.



72.5008, 0.3255, 0.3476



96.7399, 0.3280, 0.3511



72.4460, 0.3200, 0.3501



15.7663, 0.3270, 0.3497



33.3923, 0.4393, 0.4894



2.3873, 0.4358, 0.4921

Inverse Universe

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



63.0112, 0.2996, 0.3097



81.7994, 0.2970, 0.3058



63.0942, 0.3050, 0.3077



13.4777, 0.2981, 0.3074



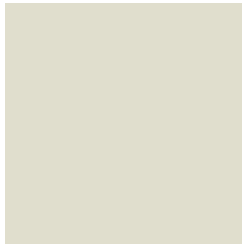
3.5913, 0.1522, 0.0678



0.3295, 0.1574, 0.0866

Previews

White Background



This preview shows how the Yxy color 72.4976, 0.3255, 0.3476 looks on a white background.

Color Contrast Check

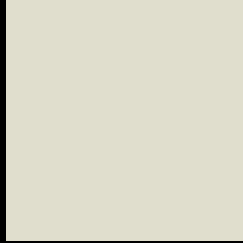
Large Text (above 18pt) WCAG AA × Fail

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 72.4976, 0.3255, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

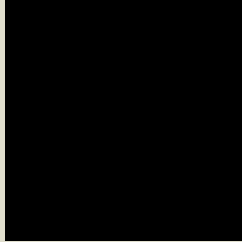
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

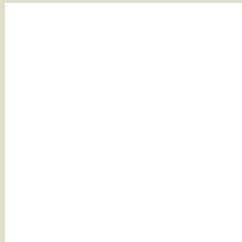
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4976, 0.3255, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 72.4976, 0.3255, 0.3476.

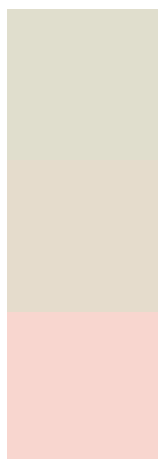


This preview shows how white text looks on a background with the Yxy color 72.4976, 0.3255, 0.3476.

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

72.4976, 0.3255, 0.3476

Protanopia

72.2040, 0.3301, 0.3464

Deuteranopia

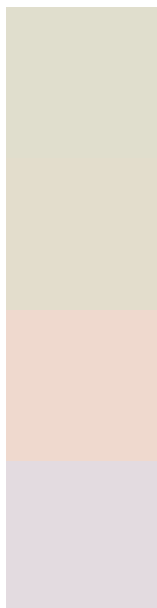
72.5546, 0.3431, 0.3364



Tritanopia

72.6349, 0.3086, 0.3110

Trichromacy



Original Color

72.4976, 0.3255, 0.3476

Protanomaly

72.4034, 0.3285, 0.3475

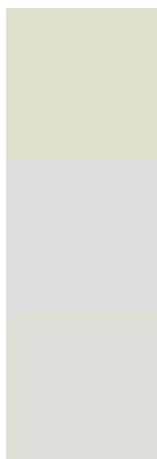
Deuteranomaly

72.4327, 0.3366, 0.3407

Tritanomaly

72.3757, 0.3151, 0.3237

Monochromacy



Original Color

72.4976, 0.3255, 0.3476

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1488, 0.3174, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4976, 0.3255, 0.3476 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(224, 222, 205) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 205)  
}
```

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(224, 222, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 205) }
```

Border

The CSS property to change the border of an element to Yxy 72.4976, 0.3255, 0.3476 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(224, 222, 205) }
```

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

```
.border{ border-color:rgb(224, 222, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
205) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4976, 0.3255, 0.3476$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 205) }
```

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

```
.background{ background-color: rgb(224,  
222, 205) }
```

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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