

Converting Colors

$Yxy(73.5525, 0.3264, 0.3538)$

Have a look what the booklet for
Yxy(73.5525, 0.3264, 0.3538)
contains.

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Color

Yxy(73.8027, 0.3264, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	DFE1CA
RGB	223, 225, 202
RGB Percent	87%, 88%, 79%
CMY	0.1256, 0.1176, 0.2077
CMYK	0.01, 0.00, 0.10, 0.12
HSL	65°, 28%, 84%
HSV	65°, 10%, 88%
XYZ	68.0102, 73.8027, 66.5516
YIQ	221.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

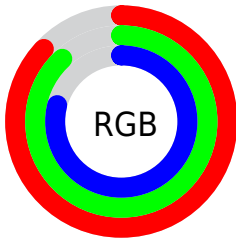
Format	Color
R _Y B	202, 225, 204
Decimal	14672330
CIE Lab	88.83, -4.64, 11.01
CIE LCh	89, 11.945, 112.838
Yxy	73.8027, 0.3264, 0.3542
Android (android.graphics.Color)	4292862410 (0xFFDFE1CA)
YUV	221.7800, -9.7515, 1.0699
Hunter-Lab	85.9085, -9.0289, 14.2052

Details

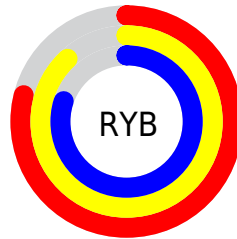
The Yxy color **73.8027, 0.3264, 0.3542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5378, 0.2983, 0.3027**, and the grayscale version is **72.9495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2124, 0.3297, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **72.4989, 0.3401, 0.3797**, and if you desaturate by 10%, it is **75.2722, 0.3130, 0.3295**.

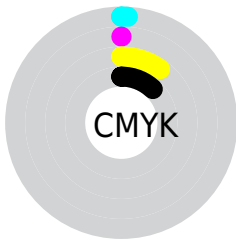
Distribution



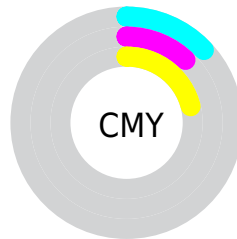
- Red (87%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8027, 0.3264, 0.3542 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 73.8027, 0.3264, 0.3542 by changing the saturation by 10% instead.

■ 73.8027, 0.3264,
0.3542

■ 73.8027, 0.3264,
0.3542

473.7921, 0.3201,
0.3425

■ 54.6326, 0.3278,
0.3569

124.6161, 0.3242,
0.3501

■ 39.1076, 0.3296,
0.3603

157.0281, 0.3234,
0.3485

■ 26.8435, 0.3317,
0.3645

194.6229, 0.3227,
0.3472

■ 17.4557, 0.3346,
0.3701

237.7849, 0.3220,
0.3460

■ 10.5599, 0.3384,
0.3778

286.8984, 0.3215,
0.3449

■ 5.7718, 0.3438,
0.3890

342.3478, 0.3210,

■ 2.7068, 0.3519,

0.3440

0.4068

404.5176, 0.3205,
0.3432

0.9806, 0.3901,
0.4690

0.0000, 0.0000,
0.0000

73.8027, 0.3264,
0.3542

73.8027, 0.3264,
0.3542

72.4989, 0.3401,
0.3797

75.2722, 0.3130,
0.3295

71.3444, 0.3536,
0.4055

76.9040, 0.3002,
0.3062


70.3351, 0.3664,
0.4305

77.7358, 0.2966,
0.2983

69.4634, 0.3781,
0.4540

78.0686, 0.2980,
0.2985


 68.7207, 0.3880,
0.4747


 78.4052, 0.2993,
0.2986

 68.0975, 0.3957,
0.4919

 78.7456, 0.3006,
0.2987


 67.5828, 0.4007,
0.5048

 79.0899, 0.3020,
0.2988

 67.1637, 0.4032,
0.5132

 79.4381, 0.3033,
0.2989

 66.8244, 0.4035,
0.5178

 79.7902, 0.3046,
0.2991

Harmonies

Analogous

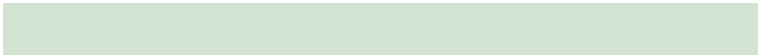
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8027, 0.3370, 0.3511



73.8027, 0.3264, 0.3542



73.8027, 0.3123, 0.3502

Triad

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



73.8027, 0.3264, 0.3542



73.8027, 0.2852, 0.3149



73.8027, 0.3268, 0.3181

Complementary

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



73.8027, 0.3264, 0.3542



60.5378, 0.2983, 0.3027

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.



73.8027, 0.3126, 0.3090



73.8027, 0.3264, 0.3542



73.8027, 0.2888, 0.3069

Square

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



73.8027, 0.3264, 0.3542



73.8027, 0.2887, 0.3271



73.8027, 0.2988, 0.3049



73.8027, 0.3373, 0.3302

Rectangle

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



73.8027, 0.3264, 0.3542



73.8027, 0.3028, 0.3440



73.8027, 0.2988, 0.3049



73.8027, 0.3223, 0.3147

Sweetspot

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



73.8059, 0.3264, 0.3542



99.3876, 0.3167, 0.3363



63.4325, 0.3305, 0.3312



21.2387, 0.3178, 0.3383



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.



73.8059, 0.3264, 0.3542



97.6685, 0.3289, 0.3589



72.0624, 0.3182, 0.3548



15.9640, 0.3253, 0.3523



38.5278, 0.4038, 0.5176



2.6890, 0.4063, 0.5156

Inverse Universe

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



60.5378, 0.2983, 0.3027



77.0994, 0.2954, 0.2976



62.2024, 0.3067, 0.3034



13.3016, 0.2994, 0.3048



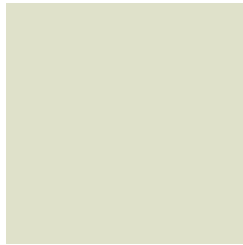
3.2404, 0.1531, 0.0617



0.2451, 0.1612, 0.0662

Previews

White Background



This preview shows how the Yxy color 73.8027, 0.3264, 0.3542 looks on a white background.

Color Contrast Check

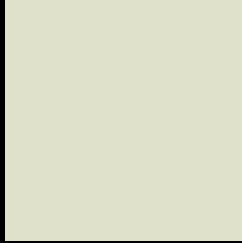
Large Text (above 18pt) WCAG AA × Fail

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 73.8027, 0.3264, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

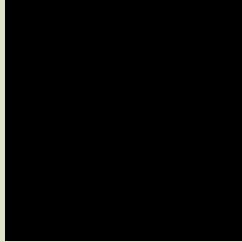
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

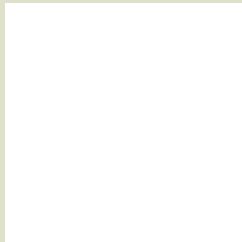
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8027, 0.3264, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 73.8027, 0.3264, 0.3542.



This preview shows how white text looks on a background with the Yxy color 73.8027, 0.3264, 0.3542.

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

73.8027, 0.3264, 0.3542

Protanopia

73.6154, 0.3341, 0.3517

Deuteranopia

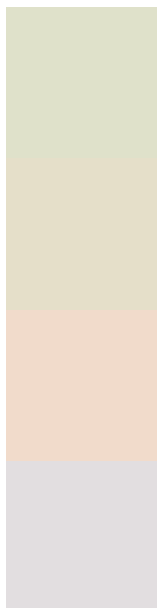
73.4697, 0.3475, 0.3404



Tritanopia

73.7948, 0.3072, 0.3111

Trichromacy



Original Color

73.8027, 0.3264, 0.3542

Protanomaly

73.6504, 0.3318, 0.3529

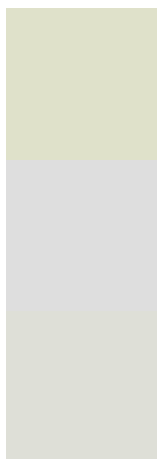
Deuteranomaly

73.6756, 0.3399, 0.3459

Tritanomaly

73.7931, 0.3142, 0.3269

Monochromacy



Original Color

73.8027, 0.3264, 0.3542

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2112, 0.3173, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8027, 0.3264, 0.3542 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(223, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 202)  
}
```

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(223, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 202) }
```

Border

The CSS property to change the border of an element to Yxy 73.8027, 0.3264, 0.3542 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(223, 225, 202) }
```

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

```
.border{ border-color:rgb(223, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8027, 0.3264, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 202) }
```

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

```
.background{ background-color: rgb(223,  
225, 202) }
```

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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