

Converting Colors

Yxy(64.6214, 0.3277, 0.3525)

Have a look what the booklet for
Yxy(64.6214, 0.3277, 0.3525)
contains.

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Color

Yxy(64.3472, 0.3275, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	D4D3BF
RGB	212, 211, 191
RGB Percent	83%, 83%, 75%
CMY	0.1686, 0.1725, 0.2510
CMYK	0.00, 0.00, 0.10, 0.17
HSL	57°, 20%, 79%
HSV	57°, 10%, 83%
XYZ	59.8515, 64.3472, 58.5539
YIQ	209.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

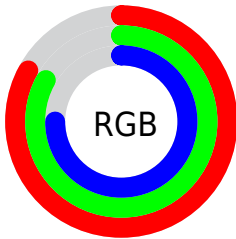
Format	Color
RYB	192, 212, 191
Decimal	13947839
CIELab	84.15, -3.10, 10.03
CIELCh	84, 10.494, 107.187
Yxy	64.3472, 0.3275, 0.3521
Android (android.graphics.Color)	4292137919 (0xFFD4D3BF)
YUV	209.0190, -8.8834, 2.6143
Hunter-Lab	80.2167, -7.1964, 12.8731

Details

The Yxy color **64.3472, 0.3275, 0.3521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5323, 0.2973, 0.3048**, and the grayscale version is **63.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.1170, 0.3303, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **62.9791, 0.3429, 0.3761**, and if you desaturate by 10%, it is **65.8592, 0.3126, 0.3288**.

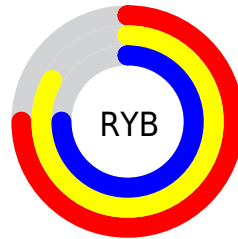
Distribution



Red (83%)

Green (83%)

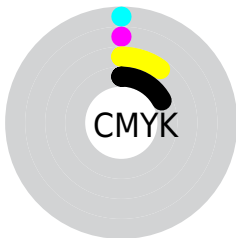
Blue (75%)



Red (75%)

Yellow (83%)

Blue (75%)

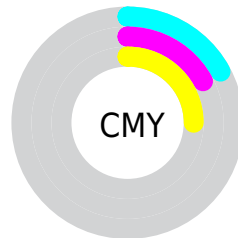


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3472, 0.3275, 0.3521 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 64.3472, 0.3275, 0.3521 by changing the saturation by 10% instead.

64.3472, 0.3275,
0.3521

64.3472, 0.3275,
0.3521

440.4424, 0.3205,
0.3411

46.9319, 0.3291,
0.3547

111.1108, 0.3251,
0.3482

32.9819, 0.3311,
0.3579

141.2280, 0.3241,
0.3467

22.1125, 0.3337,
0.3621

176.3478, 0.3233,
0.3455

13.9396, 0.3371,
0.3677

216.8549, 0.3226,
0.3443

8.0787, 0.3418,
0.3756

263.1335, 0.3220,
0.3434

4.1453, 0.3488,
0.3874

315.5680, 0.3215,

1.7552, 0.3599,

0.3425

0.4071

374.5428, 0.3210,
0.3418

0.4590, 0.4399,
0.5601

0.0000, 0.0000,
0.0000

64.3472, 0.3275,
0.3521

64.3472, 0.3275,
0.3521

62.9791, 0.3429,
0.3761

65.8592, 0.3126,
0.3288

61.7408, 0.3585,
0.4000

67.5122, 0.2985,
0.3066

60.6287, 0.3738,
0.4232

69.3141, 0.2853,
0.2858

59.6363, 0.3881,
0.4445

69.8565, 0.2852,
0.2865

■ 58.7562, 0.4008,
0.4632

■ 70.3766, 0.2852,
0.2876

■ 57.9801, 0.4114,
0.4782

■ 70.8999, 0.2853,
0.2887

■ 57.2989, 0.4195,
0.4891

■ 71.4264, 0.2853,
0.2899

■ 56.7013, 0.4249,
0.4955

■ 71.9562, 0.2854,
0.2910

■ 56.1675, 0.4280,
0.4983

■ 72.4892, 0.2854,
0.2921

Harmonies

Analogous

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



64.3472, 0.3363, 0.3481



64.3472, 0.3275, 0.3521



64.3472, 0.3149, 0.3497

Triad

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



64.3472, 0.3275, 0.3521



64.3472, 0.2875, 0.3179



64.3472, 0.3234, 0.3171

Complementary

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



64.3472, 0.3275, 0.3521



53.5323, 0.2973, 0.3048

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.



64.3472, 0.3101, 0.3094



64.3472, 0.3275, 0.3521



64.3472, 0.2896, 0.3097

Square

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



64.3472, 0.3275, 0.3521



64.3472, 0.2919, 0.3296



64.3472, 0.2978, 0.3067



64.3472, 0.3339, 0.3279

Rectangle

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



64.3472, 0.3275, 0.3521



64.3472, 0.3060, 0.3446



64.3472, 0.2978, 0.3067



64.3472, 0.3191, 0.3141

Sweetspot

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



64.3500, 0.3275, 0.3521



99.2830, 0.3172, 0.3360



55.0674, 0.3292, 0.3278



21.2104, 0.3184, 0.3378



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.



64.3500, 0.3275, 0.3521



97.2501, 0.3309, 0.3574



63.4882, 0.3202, 0.3538



14.4130, 0.3268, 0.3510



34.7115, 0.4279, 0.4985



2.1258, 0.4263, 0.4997

Inverse Universe

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



53.5323, 0.2973, 0.3048



77.4525, 0.2936, 0.2990



54.3568, 0.3047, 0.3041



12.1033, 0.2981, 0.3061



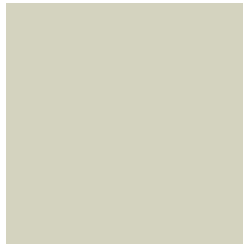
3.1126, 0.1509, 0.0633



0.2222, 0.1537, 0.0734

Previews

White Background



This preview shows how the Yxy color 64.3472, 0.3275, 0.3521 looks on a white background.

Color Contrast Check

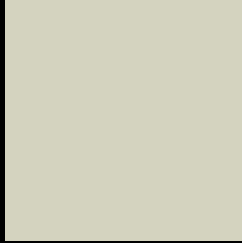
Large Text (above 18pt) WCAG AA × Fail

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 64.3472, 0.3275, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

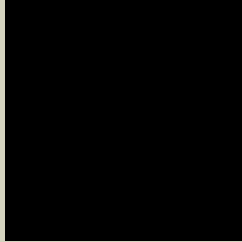
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

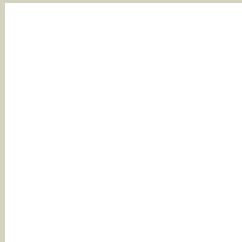
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3472, 0.3275, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 64.3472, 0.3275, 0.3521.



This preview shows how white text looks on a background with the Yxy color 64.3472, 0.3275, 0.3521.

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

64.3472, 0.3275, 0.3521

Protanopia

64.2241, 0.3331, 0.3507

Deuteranopia

63.9242, 0.3464, 0.3389



Tritanopia

64.2220, 0.3091, 0.3102

Trichromacy



Original Color

64.3472, 0.3275, 0.3521

Protanomaly

64.4098, 0.3314, 0.3519

Deuteranomaly

63.7993, 0.3394, 0.3436

Tritanomaly

64.2620, 0.3159, 0.3256

Monochromacy



Original Color

64.3472, 0.3275, 0.3521

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0591, 0.3183, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3472, 0.3275, 0.3521 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(212, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 191)  
}
```

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(212, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.3472, 0.3275, 0.3521 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(212, 211, 191) }
```

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

```
.border{ border-color:rgb(212, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3472, 0.3275, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 191) }
```

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

```
.background{ background-color: rgb(212,  
211, 191) }
```

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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