

Converting Colors

$Yxy(70.0246, 0.3230, 0.3626)$

Have a look what the booklet for
Yxy(70.0246, 0.3230, 0.3626)
contains.

Yxy(70.3272, 0.3232, 0.3632)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.3272, 0.3232, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFC1
RGB	210, 223, 193
RGB Percent	82%, 87%, 76%
CMY	0.1766, 0.1254, 0.2432
CMYK	0.06, 0.00, 0.13, 0.13
HSL	86°, 32%, 82%
HSV	86°, 13%, 87%
XYZ	62.5819, 70.3272, 60.7230
YIQ	215.6930, 1.8820, -12.0860

Conversions

Conversions Part 2

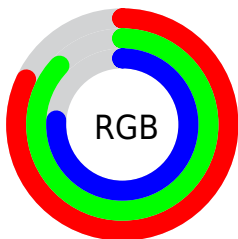
Format	Color
RYB	193, 223, 206
Decimal	13819841
CIELab	87.16, -9.66, 13.23
CIELCh	87, 16.382, 126.126
Yxy	70.3272, 0.3232, 0.3632
Android (android.graphics.Color)	4292009921 (0xFFD2DFC1)
YUV	215.6930, -11.1876, -4.9928
Hunter-Lab	83.8613, -13.5508, 15.7717

Details

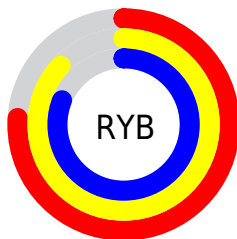
The Yxy color **70.3272, 0.3232, 0.3632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.5947, 0.3011, 0.2945**, and the grayscale version is **68.5233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **36.8379, 0.3255, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **68.0283, 0.3309, 0.3907**, and if you desaturate by 10%, it is **72.8686, 0.3154, 0.3374**.

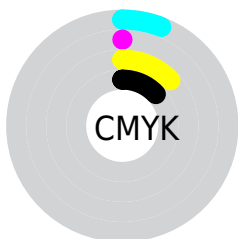
Distribution



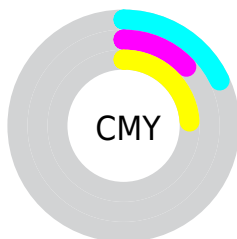
- Red (82%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3272, 0.3232, 0.3632 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 70.3272, 0.3232, 0.3632 by changing the saturation by 10% instead.


 70.3272, 0.3232,
0.3632

 70.3272, 0.3232,
0.3632


461.6980, 0.3185,
0.3470

 51.7933, 0.3243,
0.3670


 119.6752, 0.3216,
0.3575

 36.8404, 0.3255,
0.3717


151.2582, 0.3209,
0.3553

 25.0839, 0.3271,
0.3778


187.9597, 0.3204,
0.3534

 16.1396, 0.3292,
0.3859

230.1640, 0.3199,
0.3518

 9.6230, 0.3318,
0.3973

278.2556, 0.3195,
0.3504

 5.1497, 0.3354,
0.4141

332.6189, 0.3191,

 2.3354, 0.3402,

0.3491

0.4416

393.6382, 0.3188,
0.3480

0.7923, 0.3950,
0.6050

0.0000, 0.0000,
0.0000

70.3272, 0.3232,
0.3632

70.3272, 0.3232,
0.3632

68.0283, 0.3309,
0.3907

72.8686, 0.3154,
0.3374

65.9545, 0.3380,
0.4195

75.6511, 0.3077,
0.3138

64.1001, 0.3444,
0.4488

78.3656, 0.3033,
0.2969

62.4557, 0.3493,
0.4773

80.1001, 0.3099,
0.2976

■ 61.0110, 0.3525,
0.5038

■ 81.2647, 0.3142,
0.2980

■ 59.7546, 0.3534,
0.5268

■ 58.6736, 0.3520,
0.5451

■ 57.7526, 0.3483,
0.5581

■ 57.2218, 0.3451,
0.5642

Harmonies

Analogous

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



70.3272, 0.3409, 0.3629



70.3272, 0.3232, 0.3632



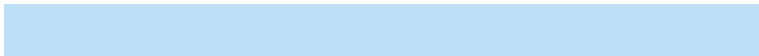
70.3272, 0.3031, 0.3535

Triad

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



70.3272, 0.3232, 0.3632



70.3272, 0.2756, 0.3034



70.3272, 0.3398, 0.3209

Complementary

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



70.3272, 0.3232, 0.3632



56.5947, 0.3011, 0.2945

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.



70.3272, 0.3215, 0.3063



70.3272, 0.3232, 0.3632



70.3272, 0.2847, 0.2960

Square

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



70.3272, 0.3232, 0.3632



70.3272, 0.2761, 0.3181



70.3272, 0.3013, 0.2973



70.3272, 0.3508, 0.3380

Rectangle

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



70.3272, 0.3232, 0.3632



70.3272, 0.2911, 0.3427



70.3272, 0.3013, 0.2973



70.3272, 0.3343, 0.3156

Sweetspot

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



70.3303, 0.3232, 0.3632



98.5286, 0.3158, 0.3389



63.6851, 0.3353, 0.3437



21.0312, 0.3164, 0.3407



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.



70.3303, 0.3232, 0.3632



94.4336, 0.3253, 0.3704



68.2361, 0.3125, 0.3643



15.7174, 0.3201, 0.3526



33.7076, 0.3461, 0.5634



2.3891, 0.3570, 0.5547

Inverse Universe

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



56.5947, 0.3011, 0.2945



72.5611, 0.2985, 0.2872



58.8401, 0.3127, 0.2957



13.5334, 0.3048, 0.3052



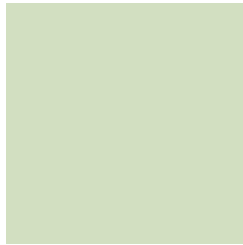
4.6908, 0.1907, 0.0824



0.3774, 0.2080, 0.0919

Previews

White Background



This preview shows how the Yxy color 70.3272, 0.3232, 0.3632 looks on a white background.

Color Contrast Check

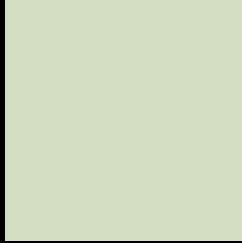
Large Text (above 18pt) WCAG AA × Fail

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 70.3272, 0.3232, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

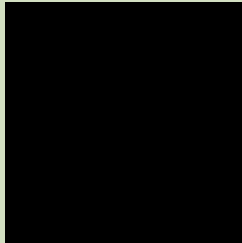
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

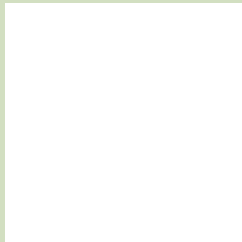
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3272, 0.3232, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 70.3272, 0.3232, 0.3632.



This preview shows how white text looks on a background with the Yxy color 70.3272, 0.3232, 0.3632.

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

70.3272, 0.3232, 0.3632

Protanopia

69.8374, 0.3396, 0.3588

Deuteranopia

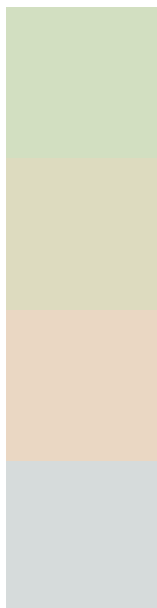
69.8529, 0.3513, 0.3438



Tritanopia

70.1652, 0.3009, 0.3105

Trichromacy



Original Color

70.3272, 0.3232, 0.3632

Protanomaly

69.7968, 0.3333, 0.3603

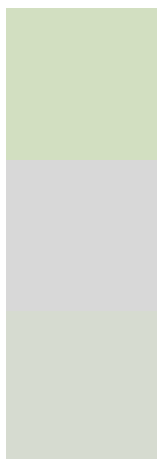
Deuteranomaly

70.0334, 0.3410, 0.3507

Tritanomaly

70.0737, 0.3092, 0.3290

Monochromacy



Original Color

70.3272, 0.3232, 0.3632

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.5132, 0.3165, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3272, 0.3232, 0.3632 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(210, 223, 193) looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 193)  
}
```

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(210, 223, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 193) }
```

Border

The CSS property to change the border of an element to Yxy 70.3272, 0.3232, 0.3632 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(210, 223, 193) }
```

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

```
.border{ border-color:rgb(210, 223, 193) }
```

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

Here you see how a box with a 4 pixel rgb(210, 223, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 193);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
193) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.3272, 0.3232, 0.3632$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 193) }
```

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

```
.background{ background-color: rgb(210,  
223, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor