

Converting Colors

$Y_{xy}(72.1771, 0.3205, 0.3541)$

Have a look what the booklet for
Yxy(72.1771, 0.3205, 0.3541)
contains.

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Color

Yxy(72.0227, 0.3208, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	D7E0CA
RGB	215, 224, 202
RGB Percent	84%, 88%, 79%
CMY	0.1568, 0.1216, 0.2079
CMYK	0.04, 0.00, 0.10, 0.12
HSL	84°, 26%, 84%
HSV	84°, 10%, 88%
XYZ	65.3419, 72.0227, 66.3195
YIQ	218.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

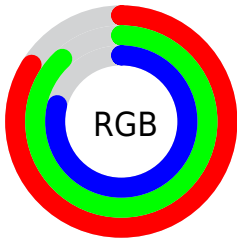
Format	Color
R_{YB}	202, 224, 211
Decimal	14147786
CIE Lab	87.98, -6.90, 9.74
CIE LCh	88, 11.938, 125.315
Yxy	72.0227, 0.3208, 0.3536
Android (android.graphics.Color)	4292337866 (0xFFD7E0CA)
YUV	218.8010, -8.2829, -3.3335
Hunter-Lab	84.8662, -11.0816, 13.0736

Details

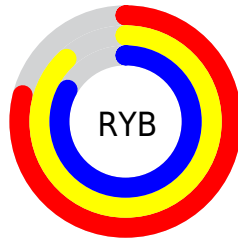
The Yxy color **72.0227, 0.3208, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4555, 0.3040, 0.3042**, and the grayscale version is **70.7533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9876, 0.3223, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **69.6955, 0.3290, 0.3804**, and if you desaturate by 10%, it is **74.5874, 0.3126, 0.3286**.

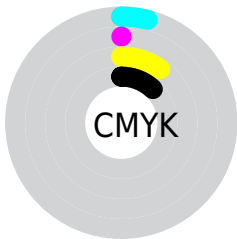
Distribution



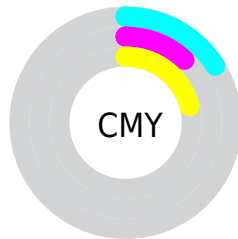
- Red (84%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (16%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0227, 0.3208, 0.3536 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 72.0227, 0.3208, 0.3536 by changing the saturation by 10% instead.

 72.0227, 0.3208,
0.3536

 72.0227, 0.3208,
0.3536

467.6206, 0.3171,
0.3420

 53.1772, 0.3216,
0.3563


122.0888, 0.3195,
0.3496

 37.9443, 0.3226,
0.3596


154.0782, 0.3190,
0.3480

 25.9394, 0.3239,
0.3639


191.2177, 0.3186,
0.3467

 16.7783, 0.3255,
0.3696

233.8917, 0.3182,
0.3455

 10.0766, 0.3277,
0.3774

282.4846, 0.3179,
0.3445

 5.4498, 0.3307,
0.3889

337.3808, 0.3176,

 2.5135, 0.3352,

0.3436

0.4076

398.9647, 0.3174,
0.3428

0.8834, 0.3657,
0.4813

0.0000, 0.0000,
0.0000

72.0227, 0.3208,
0.3536

72.0227, 0.3208,
0.3536

69.6955, 0.3290,
0.3804

74.5874, 0.3126,
0.3286

67.5886, 0.3369,
0.4087

77.3878, 0.3046,
0.3057

65.6969, 0.3440,
0.4375

79.4868, 0.3056,
0.2981

64.0112, 0.3500,
0.4661

81.1483, 0.3118,
0.2987

■ 62.5218, 0.3543,
0.4930

■ 81.7929, 0.3141,
0.2989

■ 61.2181, 0.3565,
0.5169

■ 60.0878, 0.3563,
0.5366

■ 59.1168, 0.3538,
0.5511

■ 58.2818, 0.3492,
0.5608

Harmonies

Analogous

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



72.0227, 0.3334, 0.3534



72.0227, 0.3208, 0.3536



72.0227, 0.3063, 0.3468

Triad

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



72.0227, 0.3208, 0.3536



72.0227, 0.2856, 0.3108



72.0227, 0.3320, 0.3229

Complementary

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



72.0227, 0.3208, 0.3536



61.4555, 0.3040, 0.3042

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.



72.0227, 0.3188, 0.3122



72.0227, 0.3208, 0.3536



72.0227, 0.2921, 0.3051

Square

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



72.0227, 0.3208, 0.3536



72.0227, 0.2862, 0.3216



72.0227, 0.3042, 0.3057



72.0227, 0.3400, 0.3354

Rectangle

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



72.0227, 0.3208, 0.3536



72.0227, 0.2974, 0.3392



72.0227, 0.3042, 0.3057



72.0227, 0.3280, 0.3190

Sweetspot

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



72.0258, 0.3208, 0.3536



98.9299, 0.3152, 0.3364



66.5939, 0.3289, 0.3388



21.1149, 0.3159, 0.3384



0.0000, 0.0000, 0.0000



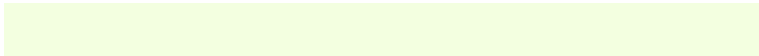
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0258, 0.3208, 0.3536



95.8923, 0.3227, 0.3595



70.4389, 0.3131, 0.3542



15.7363, 0.3205, 0.3526



33.9843, 0.3502, 0.5602



2.4075, 0.3606, 0.5519

Inverse Universe

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



61.4555, 0.3040, 0.3042



78.7310, 0.3019, 0.2982



63.1103, 0.3122, 0.3048



13.5149, 0.3044, 0.3052



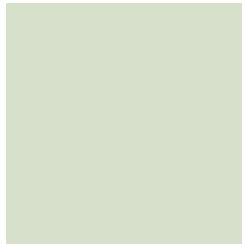
4.5019, 0.1861, 0.0799



0.3634, 0.2035, 0.0895

Previews

White Background



This preview shows how the Yxy color 72.0227, 0.3208, 0.3536 looks on a white background.

Color Contrast Check

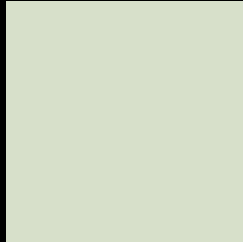
Large Text (above 18pt) WCAG AA × Fail

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 72.0227, 0.3208, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

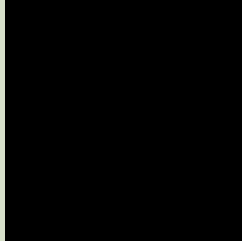
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

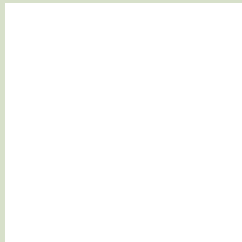
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0227, 0.3208, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 72.0227, 0.3208, 0.3536.

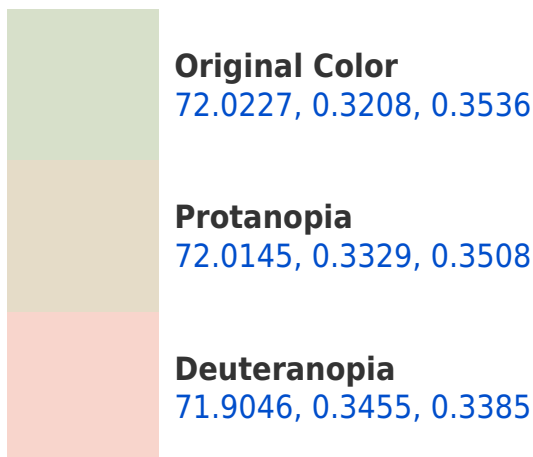


This preview shows how white text looks on a background with the Yxy color 72.0227, 0.3208, 0.3536.

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

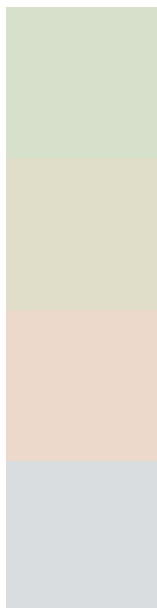




Tritanopia

71.9348, 0.3024, 0.3108

Trichromacy



Original Color

72.0227, 0.3208, 0.3536

Protanomaly

71.7772, 0.3283, 0.3510

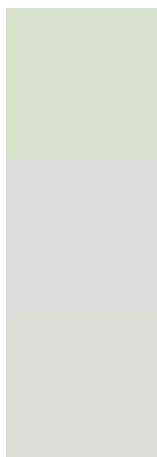
Deuteranomaly

71.7704, 0.3364, 0.3440

Tritanomaly

72.0001, 0.3086, 0.3257

Monochromacy



Original Color

72.0227, 0.3208, 0.3536

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4224, 0.3159, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0227, 0.3208, 0.3536 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(215, 224, 202) looks like.

```
.text, #text, p{  
    color:rgb(215, 224, 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(215, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 224, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.0227, 0.3208, 0.3536 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(215, 224, 202) }
```

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

```
.border{ border-color:rgb(215, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 224,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0227, 0.3208, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 224, 202) }
```

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

```
.background{ background-color: rgb(215,  
224, 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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