

Converting Colors

$Yxy(60.2736, 0.3210, 0.3293)$

Have a look what the booklet for
Yxy(60.2736, 0.3210, 0.3293)
contains.

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Color

Yxy(60.4552, 0.3212, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	D4CAC9
RGB	212, 202, 201
RGB Percent	83%, 79%, 79%
CMY	0.1687, 0.2078, 0.2118
CMYK	0.00, 0.05, 0.05, 0.17
HSL	6°, 11%, 81%
HSV	6°, 5%, 83%
XYZ	58.8074, 60.4552, 63.8240
YIQ	204.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

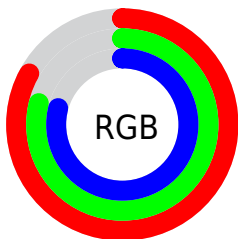
Format	Color
R _Y B	212, 202, 201
Decimal	13945545
CIE Lab	82.08, 3.28, 1.73
CIE LCh	82, 3.706, 27.852
Yxy	60.4552, 0.3212, 0.3302
Android (android.graphics.Color)	4292135625 (0xFFD4CAC9)
YUV	204.8760, -1.9109, 6.2477
Hunter-Lab	77.7529, -1.0615, 5.7585

Details

The Yxy color **60.4552, 0.3212, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7326, 0.3047, 0.3278**, and the grayscale version is **60.9759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4545, 0.3230, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **51.0598, 0.3404, 0.3327**, and if you desaturate by 10%, it is **71.1177, 0.3056, 0.3279**.

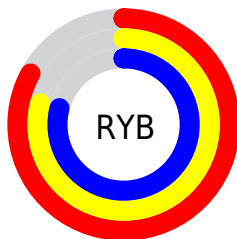
Distribution



Red (83%)

Green (79%)

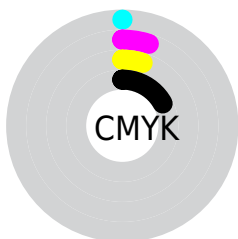
Blue (79%)



Red (83%)

Yellow (79%)

Blue (79%)

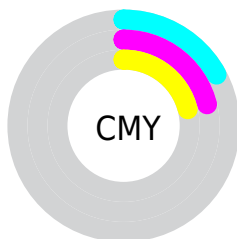


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4552, 0.3212, 0.3302 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 60.4552, 0.3212, 0.3302 by changing the saturation by 10% instead.

■ 60.4552, 0.3212,
0.3302

■ 60.4552, 0.3212,
0.3302

426.2736, 0.3171,
0.3296

■ 43.7856, 0.3222,
0.3303

105.4897, 0.3198,
0.3300

■ 30.5020, 0.3234,
0.3305

134.6235, 0.3192,
0.3299

■ 20.2200, 0.3250,
0.3307

168.6807, 0.3187,
0.3299

■ 12.5550, 0.3271,
0.3310

208.0459, 0.3183,
0.3298

■ 7.1229, 0.3301,
0.3313

253.1034, 0.3180,
0.3298

■ 3.5391, 0.3347,
0.3318

304.2375, 0.3177,

■ 1.4192, 0.3426,

0.3297

0.3327

361.8328, 0.3174,
0.3297

0.2308, 0.4533,
0.3495

0.0000, 0.0000,
0.0000

60.4552, 0.3212,
0.3302

60.4552, 0.3212,
0.3302

51.0598, 0.3404,
0.3327

71.1177, 0.3056,
0.3279

42.8767, 0.3641,
0.3353

83.0836, 0.2929,
0.3259

35.8589, 0.3931,
0.3379

92.7327, 0.2871,
0.3289

29.9535, 0.4279,
0.3404

■ 25.1031, 0.4685,
0.3424

■ 21.2455, 0.5132,
0.3434

■ 18.3119, 0.5582,
0.3429

■ 16.2245, 0.5974,
0.3405

■ 14.8927, 0.6247,
0.3366

Harmonies

Analogous

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



60.4552, 0.3181, 0.3260



60.4552, 0.3212, 0.3302



60.4552, 0.3220, 0.3341

Triad

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



60.4552, 0.3212, 0.3302



60.4552, 0.3118, 0.3355



60.4552, 0.3052, 0.3214

Complementary

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



60.4552, 0.3212, 0.3302



63.7326, 0.3047, 0.3278

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.



60.4552, 0.3035, 0.3239



60.4552, 0.3212, 0.3302



60.4552, 0.3074, 0.3320

Square

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



60.4552, 0.3212, 0.3302



60.4552, 0.3166, 0.3372



60.4552, 0.3043, 0.3277



60.4552, 0.3088, 0.3210

Rectangle

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



60.4552, 0.3212, 0.3302



60.4552, 0.3211, 0.3360



60.4552, 0.3043, 0.3277



60.4552, 0.3044, 0.3220

Sweetspot

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



60.4578, 0.3212, 0.3302



96.7598, 0.3159, 0.3295



60.4697, 0.3140, 0.3175



20.7445, 0.3158, 0.3294



0.0000, 0.0000, 0.0000



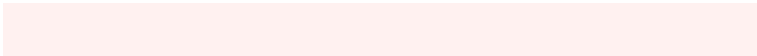
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4578, 0.3212, 0.3302



90.5165, 0.3227, 0.3304



63.0280, 0.3207, 0.3364



13.2164, 0.3237, 0.3305



9.0082, 0.6323, 0.3361



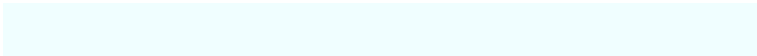
0.6087, 0.6113, 0.3528

Inverse Universe

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



63.7326, 0.3047, 0.3278



96.3086, 0.3034, 0.3276



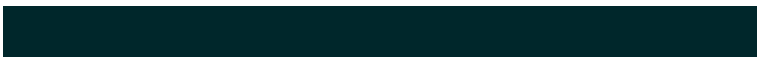
61.1038, 0.3048, 0.3215



14.1417, 0.3026, 0.3275



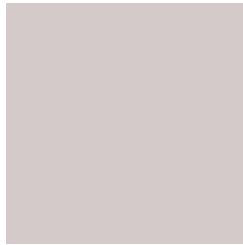
26.3662, 0.2166, 0.2998



1.6491, 0.2181, 0.3052

Previews

White Background



This preview shows how the Yxy color 60.4552, 0.3212, 0.3302 looks on a white background.

Color Contrast Check

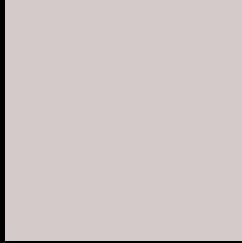
Large Text (above 18pt) WCAG AA × Fail

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 60.4552, 0.3212, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

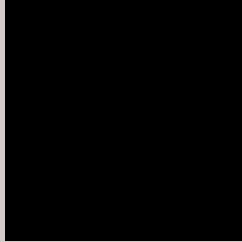
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

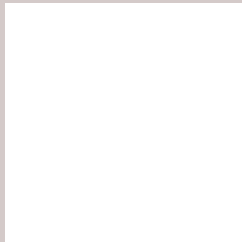
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4552, 0.3212, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 60.4552, 0.3212, 0.3302.

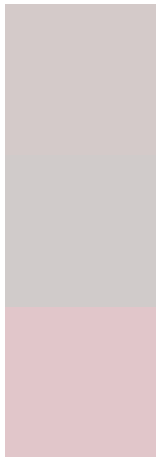


This preview shows how white text looks on a background with the Yxy color 60.4552, 0.3212, 0.3302.

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

60.4552, 0.3212, 0.3302

Protanopia

60.3860, 0.3173, 0.3302

Deuteranopia

60.6600, 0.3312, 0.3246



Tritanopia

60.5110, 0.3127, 0.3120

Trichromacy



Original Color

60.4552, 0.3212, 0.3302

Protanomaly

60.5314, 0.3181, 0.3302

Deuteranomaly

60.3268, 0.3271, 0.3256

Tritanomaly

60.5726, 0.3155, 0.3187

Monochromacy



Original Color

60.4552, 0.3212, 0.3302

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9553, 0.3158, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4552, 0.3212, 0.3302 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, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 201)  
}
```

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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.4552, 0.3212, 0.3302 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, 202, 201) }
```

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

```
.border{ border-color:rgb(212, 202, 201) }
```

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

Here you see how a box with a 4 pixel rgb(212, 202, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4552, 0.3212, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 201) }
```

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

```
.background{ background-color: rgb(212,  
202, 201) }
```

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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