

Converting Colors

$Yxy(60.2654, 0.3215, 0.3317)$

Have a look what the booklet for
Yxy(60.2654, 0.3215, 0.3317)
contains.

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Color

Yxy(60.2601, 0.3212, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D3CAC8
RGB	211, 202, 200
RGB Percent	83%, 79%, 78%
CMY	0.1723, 0.2079, 0.2156
CMYK	0.00, 0.04, 0.05, 0.17
HSL	11°, 11%, 81%
HSV	11°, 5%, 83%
XYZ	58.4230, 60.2601, 63.2067
YIQ	204.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

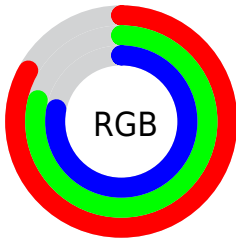
Format	Color
R _Y B	211, 202, 200
Decimal	13880008
CIE Lab	81.98, 2.80, 2.09
CIE LCh	82, 3.496, 36.731
Yxy	60.2601, 0.3212, 0.3313
Android (android.graphics.Color)	4292070088 (0xFFD3CAC8)
YUV	204.4630, -2.2003, 5.7329
Hunter-Lab	77.6274, -1.5073, 6.0633

Details

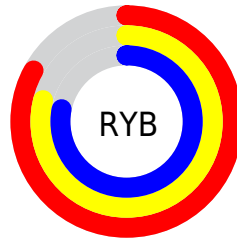
The Yxy color **60.2601, 0.3212, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6322, 0.3047, 0.3267**, and the grayscale version is **60.7094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3231, 0.3230, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **51.6568, 0.3400, 0.3360**, and if you desaturate by 10%, it is **69.9196, 0.3057, 0.3270**.

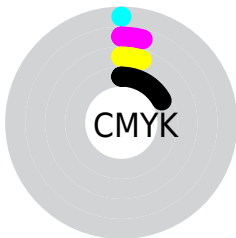
Distribution



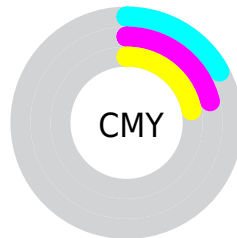
- Red (83%)
- Green (79%)
- Blue (78%)



- Red (83%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2601, 0.3212, 0.3313 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 60.2601, 0.3212, 0.3313 by changing the saturation by 10% instead.

■ 60.2601, 0.3212,
0.3313

■ 60.2601, 0.3212,
0.3313

425.5558, 0.3171,
0.3302

■ 43.6283, 0.3222,
0.3316

105.2069, 0.3198,
0.3309

■ 30.3784, 0.3234,
0.3319

134.2907, 0.3192,
0.3308

■ 20.1260, 0.3250,
0.3323

168.2939, 0.3187,
0.3307

■ 12.4867, 0.3271,
0.3328

207.6010, 0.3183,
0.3305

■ 7.0760, 0.3301,
0.3336

252.5964, 0.3180,
0.3304

■ 3.5097, 0.3347,
0.3347

303.6644, 0.3177,

■ 1.4033, 0.3427,

0.3304

0.3365

361.1894, 0.3174,
0.3303

0.2191, 0.4704,
0.3725

0.0000, 0.0000,
0.0000

60.2601, 0.3212,
0.3313

60.2601, 0.3212,
0.3313

51.6568, 0.3400,
0.3360

69.9196, 0.3057,
0.3270

44.0661, 0.3629,
0.3409

80.6614, 0.2929,
0.3230

37.4530, 0.3904,
0.3459

91.9719, 0.2866,
0.3279

31.7774, 0.4231,
0.3506

92.5970, 0.2866,
0.3289

■ 26.9966, 0.4607,
0.3545

■ 23.0643, 0.5022,
0.3569

■ 19.9301, 0.5444,
0.3567

■ 17.5381, 0.5827,
0.3534

■ 15.8247, 0.6119,
0.3470

Harmonies

Analogous

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



60.2601, 0.3189, 0.3273



60.2601, 0.3212, 0.3313



60.2601, 0.3213, 0.3347

Triad

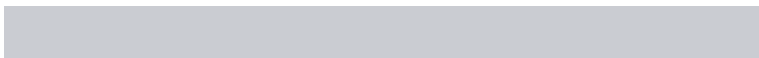
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.2601, 0.3212, 0.3313



60.2601, 0.3106, 0.3343



60.2601, 0.3064, 0.3215

Complementary

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



60.2601, 0.3212, 0.3313



62.6322, 0.3047, 0.3267

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.



60.2601, 0.3043, 0.3233



60.2601, 0.3212, 0.3313



60.2601, 0.3066, 0.3307

Square

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



60.2601, 0.3212, 0.3313



60.2601, 0.3151, 0.3365



60.2601, 0.3043, 0.3266



60.2601, 0.3103, 0.3217

Rectangle

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



60.2601, 0.3212, 0.3313



60.2601, 0.3200, 0.3362



60.2601, 0.3043, 0.3266



60.2601, 0.3055, 0.3219

Sweetspot

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



60.2627, 0.3212, 0.3313



97.0309, 0.3159, 0.3299



59.7887, 0.3146, 0.3184



20.7998, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



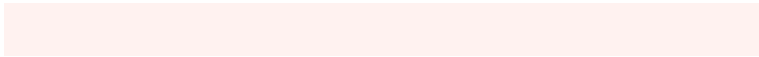
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2627, 0.3212, 0.3313



91.2922, 0.3226, 0.3317



62.8364, 0.3207, 0.3375



12.6795, 0.3235, 0.3319



9.2862, 0.6205, 0.3455



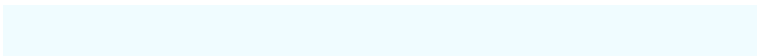
0.6252, 0.5868, 0.3723

Inverse Universe

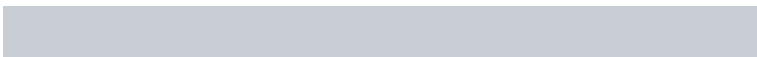
The Inverse Universe completely reimagines the original color for something new.



62.6322, 0.3047, 0.3267



95.4852, 0.3034, 0.3263



60.0302, 0.3048, 0.3204



13.3142, 0.3026, 0.3261



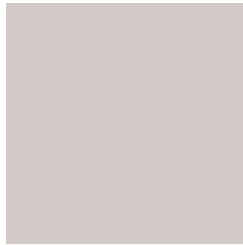
21.1025, 0.2087, 0.2714



1.2760, 0.2120, 0.2831

Previews

White Background



This preview shows how the Yxy color 60.2601, 0.3212, 0.3313 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 60.2601, 0.3212, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

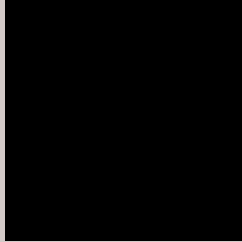
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

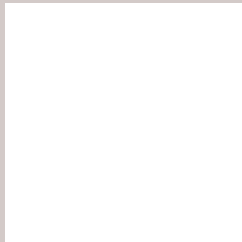
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2601, 0.3212, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 60.2601, 0.3212, 0.3313.



This preview shows how white text looks on a background with the Yxy color 60.2601, 0.3212, 0.3313.

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

60.2601, 0.3212, 0.3313

Protanopia

60.3388, 0.3180, 0.3313

Deuteranopia

59.9968, 0.3313, 0.3246



Tritanopia

60.3610, 0.3120, 0.3120

Trichromacy



Original Color

60.2601, 0.3212, 0.3313

Protanomaly

60.4842, 0.3188, 0.3313

Deuteranomaly

60.1240, 0.3271, 0.3268

Tritanomaly

60.4235, 0.3147, 0.3187

Monochromacy



Original Color

60.2601, 0.3212, 0.3313

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2891, 0.3158, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2601, 0.3212, 0.3313 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 $rgb(211, 202, 200)$ looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 200)  
}
```

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(211, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.2601, 0.3212, 0.3313 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(211, 202, 200) }
```

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

```
.border{ border-color:rgb(211, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2601, 0.3212, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 200) }
```

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

```
.background{ background-color: rgb(211,  
202, 200) }
```

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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