

Converting Colors

Yxy(60.2458, 0.3142, 0.3224)

Have a look what the booklet for
Yxy(60.2458, 0.3142, 0.3224)
contains.

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Color

Yxy(60.3504, 0.3138, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	D1CAD0
RGB	209, 202, 208
RGB Percent	82%, 79%, 82%
CMY	0.1805, 0.2078, 0.1843
CMYK	0.00, 0.03, 0.00, 0.18
HSL	308°, 7%, 81%
HSV	308°, 3%, 82%
XYZ	58.7953, 60.3504, 68.2197
YIQ	204.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

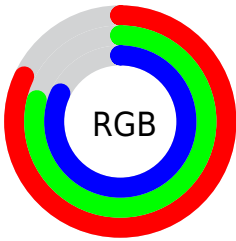
Format	Color
R _Y B	209, 202, 208
Decimal	13748944
CIE Lab	82.03, 3.49, -2.12
CIE LCh	82, 4.087, 328.693
Yxy	60.3504, 0.3138, 0.3221
Android (android.graphics.Color)	4291939024 (0xFFD1CAD0)
YUV	204.7770, 1.5889, 3.7036
Hunter-Lab	77.6855, -0.8543, 2.3142

Details

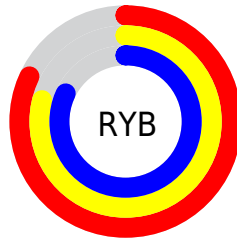
The Yxy color **60.3504, 0.3138, 0.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4618, 0.3117, 0.3360**, and the grayscale version is **60.8896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4815, 0.3142, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **51.0560, 0.3174, 0.3008**, and if you desaturate by 10%, it is **70.9807, 0.3107, 0.3424**.

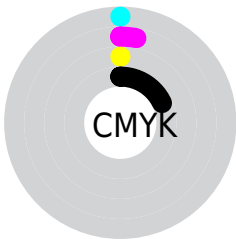
Distribution



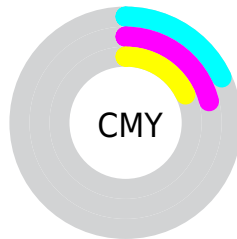
- Red (82%)
- Green (79%)
- Blue (82%)



- Red (82%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3504, 0.3138, 0.3221 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 60.3504, 0.3138, 0.3221 by changing the saturation by 10% instead.

■ 60.3504, 0.3138,
0.3221

■ 60.3504, 0.3138,
0.3221

425.8881, 0.3133,
0.3254

■ 43.7011, 0.3139,
0.3213

105.3378, 0.3136,
0.3233

■ 30.4356, 0.3141,
0.3203

134.4447, 0.3136,
0.3237

■ 20.1695, 0.3143,
0.3191

168.4730, 0.3135,
0.3241

■ 12.5183, 0.3145,
0.3174

207.8070, 0.3134,
0.3244

■ 7.0977, 0.3149,
0.3150

252.8311, 0.3134,
0.3247

■ 3.5233, 0.3154,
0.3115

303.9297, 0.3134,

■ 1.4106, 0.3162,

0.3250

0.3054

361.4873, 0.3133,
0.3252

0.2245, 0.3260,
0.2451

0.0000, 0.0000,
0.0000

60.3504, 0.3138,
0.3221

60.3504, 0.3138,
0.3221

51.0560, 0.3174,
0.3008

70.9807, 0.3107,
0.3424

43.0368, 0.3214,
0.2791

82.9893, 0.3080,
0.3615

36.2387, 0.3259,
0.2574

90.0759, 0.3060,
0.3697

30.6009, 0.3308,
0.2365

90.2312, 0.3044,
0.3664

■ 26.0574, 0.3361,
0.2175

■ 90.3893, 0.3027,
0.3632

■ 22.5356, 0.3415,
0.2013

■ 90.5503, 0.3011,
0.3600

■ 19.9538, 0.3470,
0.1887

■ 90.7140, 0.2995,
0.3567

■ 18.2182, 0.3524,
0.1805

■ 90.8805, 0.2979,
0.3535

■ 17.2153, 0.3574,
0.1767

■ 91.0499, 0.2963,
0.3504

Harmonies

Analogous

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



60.3504, 0.3086, 0.3202



60.3504, 0.3138, 0.3221



60.3504, 0.3188, 0.3258

Triad

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



60.3504, 0.3138, 0.3221



60.3504, 0.3210, 0.3375



60.3504, 0.3034, 0.3275

Complementary

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



60.3504, 0.3138, 0.3221



62.4618, 0.3117, 0.3360

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.



60.3504, 0.3067, 0.3322



60.3504, 0.3138, 0.3221



60.3504, 0.3168, 0.3380

Square

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



60.3504, 0.3138, 0.3221



60.3504, 0.3230, 0.3347



60.3504, 0.3116, 0.3361



60.3504, 0.3026, 0.3232

Rectangle

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



60.3504, 0.3138, 0.3221



60.3504, 0.3213, 0.3289



60.3504, 0.3116, 0.3361



60.3504, 0.3042, 0.3291

Sweetspot

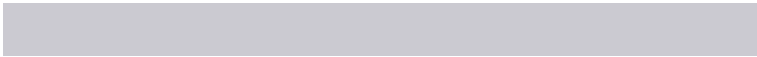
The Sweet Spot groups the original color and five complimentary colors.



60.3530, 0.3138, 0.3221



98.3605, 0.3130, 0.3269



59.5374, 0.3085, 0.3208



21.0705, 0.3130, 0.3270



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.



60.3530, 0.3138, 0.3221



93.5711, 0.3140, 0.3206



60.1861, 0.3163, 0.3261



12.9566, 0.3143, 0.3192



10.3855, 0.3600, 0.1757



0.5888, 0.3517, 0.1711

Inverse Universe

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



60.3530, 0.3138, 0.3221



93.5711, 0.3140, 0.3206



62.6270, 0.3093, 0.3320



12.9566, 0.3143, 0.3192



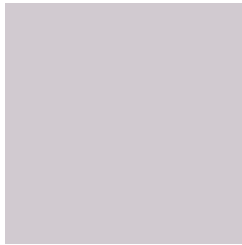
10.3855, 0.3600, 0.1757



0.5888, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 60.3504, 0.3138, 0.3221 looks on a white background.

Color Contrast Check

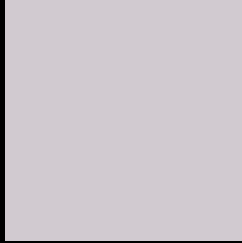
Large Text (above 18pt) WCAG AA × Fail

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 60.3504, 0.3138, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

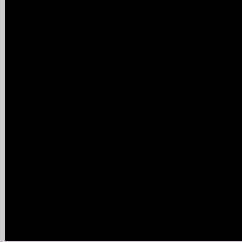
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

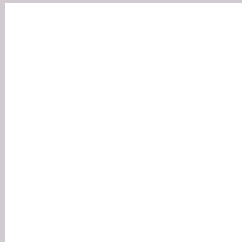
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3504, 0.3138, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 60.3504, 0.3138, 0.3221.

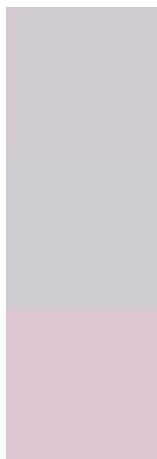


This preview shows how white text looks on a background with the Yxy color 60.3504, 0.3138, 0.3221.

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

60.3504, 0.3138, 0.3221

Protanopia

60.3877, 0.3115, 0.3232

Deuteranopia

60.3638, 0.3228, 0.3167



Tritanopia

60.4328, 0.3089, 0.3119

Trichromacy



Original Color

60.3504, 0.3138, 0.3221

Protanomaly

60.5313, 0.3122, 0.3232

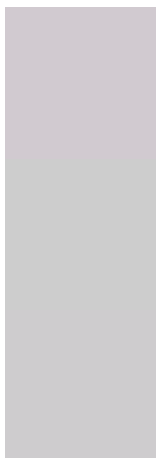
Deuteranomaly

60.2020, 0.3195, 0.3177

Tritanomaly

60.2790, 0.3111, 0.3153

Monochromacy



Original Color

60.3504, 0.3138, 0.3221

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7638, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3504, 0.3138, 0.3221 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(209, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 208)  
}
```

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(209, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.3504, 0.3138, 0.3221 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(209, 202, 208) }
```

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

```
.border{ border-color:rgb(209, 202, 208) }
```

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

Here you see how a box with a 4 pixel rgb(209, 202, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3504, 0.3138, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 208) }
```

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

```
.background{ background-color: rgb(209,  
202, 208) }
```

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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