

Converting Colors

$Y_{xy}(62.2289, 0.3260, 0.3417)$

Have a look what the booklet for
Yxy(62.2289, 0.3260, 0.3417)
contains.

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Color

Yxy(62.2289, 0.3260, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D5CEC3
RGB	213, 206, 195
RGB Percent	84%, 81%, 76%
CMY	0.1646, 0.1922, 0.2353
CMYK	0.00, 0.03, 0.08, 0.16
HSL	37°, 18%, 80%
HSV	37°, 8%, 84%
XYZ	59.3697, 62.2289, 60.5170
YIQ	206.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

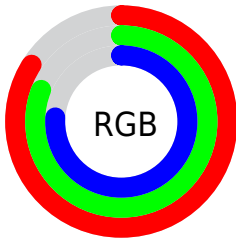
Format	Color
R _Y B	206, 213, 195
Decimal	14012099
CIE Lab	83.03, 0.54, 6.31
CIE LCh	83, 6.335, 85.148
Yxy	62.2289, 0.3260, 0.3417
Android (android.graphics.Color)	4292202179 (0xFFD5CEC3)
YUV	206.8390, -5.8366, 5.4032
Hunter-Lab	78.8853, -3.7088, 9.7353

Details

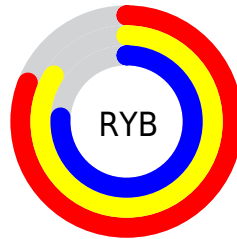
The Yxy color **62.2289, 0.3260, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6724, 0.2997, 0.3160**, and the grayscale version is **62.3267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.6487, 0.3293, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **57.4358, 0.3434, 0.3574**, and if you desaturate by 10%, it is **67.3769, 0.3104, 0.3268**.

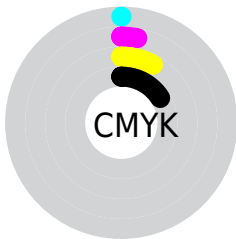
Distribution



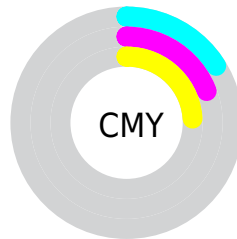
- Red (84%)
- Green (81%)
- Blue (76%)



- Red (81%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2289, 0.3260, 0.3417 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 62.2289, 0.3260, 0.3417 by changing the saturation by 10% instead.

■ 62.2289, 0.3260,
0.3417

■ 62.2289, 0.3260,
0.3417

432.7656, 0.3197,
0.3357

■ 45.2177, 0.3275,
0.3431

108.0563, 0.3238,
0.3396

■ 31.6289, 0.3294,
0.3449

137.6412, 0.3229,
0.3388

■ 21.0782, 0.3318,
0.3472

172.1862, 0.3222,
0.3381

■ 13.1812, 0.3350,
0.3503

212.0757, 0.3215,
0.3375

■ 7.5534, 0.3396,
0.3546

257.6939, 0.3210,
0.3369

■ 3.8106, 0.3464,
0.3610

309.4254, 0.3205,

■ 1.5682, 0.3580,

0.3365

0.3718

367.6545, 0.3201,
0.3360

0.3360, 0.4973,
0.5027

0.0000, 0.0000,
0.0000

62.2289, 0.3260,
0.3417

62.2289, 0.3260,
0.3417

57.4358, 0.3434,
0.3574

67.3769, 0.3104,
0.3268

52.9804, 0.3627,
0.3736

72.8803, 0.2966,
0.3128

48.8560, 0.3836,
0.3898

78.4950, 0.2866,
0.3038

45.0524, 0.4059,
0.4051

83.2616, 0.2870,
0.3126

■ 41.5588, 0.4290,
0.4187

■ 88.2524, 0.2874,
0.3213

■ 38.3634, 0.4518,
0.4294

■ 92.8909, 0.2877,
0.3289

■ 35.4534, 0.4733,
0.4359

■ 32.8141, 0.4921,
0.4374

■ 30.4251, 0.5077,
0.4339

Harmonies

Analogous

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



62.2289, 0.3285, 0.3370



62.2289, 0.3260, 0.3417



62.2289, 0.3199, 0.3430

Triad

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



62.2289, 0.3260, 0.3417



62.2289, 0.2989, 0.3275



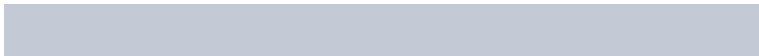
62.2289, 0.3134, 0.3179

Complementary

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



62.2289, 0.3260, 0.3417



58.6724, 0.2997, 0.3160

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.



62.2289, 0.3055, 0.3154



62.2289, 0.3260, 0.3417



62.2289, 0.2972, 0.3207

Square

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



62.2289, 0.3260, 0.3417



62.2289, 0.3042, 0.3347



62.2289, 0.2996, 0.3164



62.2289, 0.3212, 0.3234

Rectangle

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



62.2289, 0.3260, 0.3417



62.2289, 0.3147, 0.3417



62.2289, 0.2996, 0.3164



62.2289, 0.3106, 0.3167

Sweetspot

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



62.2316, 0.3260, 0.3417



97.6259, 0.3173, 0.3335



57.4603, 0.3218, 0.3207



20.7619, 0.3186, 0.3347



0.0000, 0.0000, 0.0000



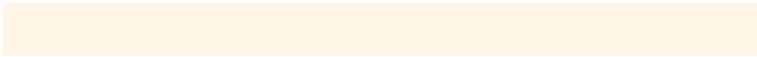
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2316, 0.3260, 0.3417



92.2757, 0.3287, 0.3442



65.4281, 0.3238, 0.3497



13.6679, 0.3276, 0.3432



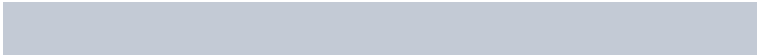
18.5691, 0.5084, 0.4345



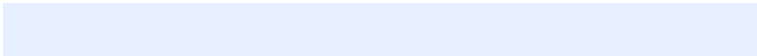
1.2788, 0.4890, 0.4499

Inverse Universe

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



58.6724, 0.2997, 0.3160



85.9615, 0.2971, 0.3133



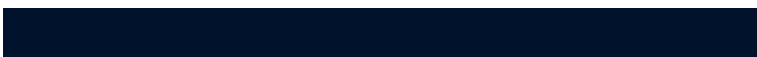
55.6854, 0.3011, 0.3076



12.7961, 0.2982, 0.3144



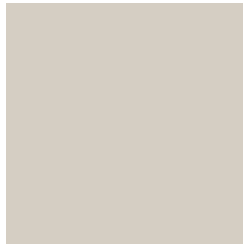
6.9150, 0.1679, 0.1245



0.5757, 0.1776, 0.1593

Previews

White Background



This preview shows how the Yxy color 62.2289, 0.3260, 0.3417 looks on a white background.

Color Contrast Check

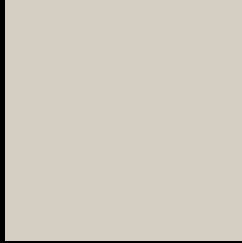
Large Text (above 18pt) WCAG AA × Fail

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 62.2289, 0.3260, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

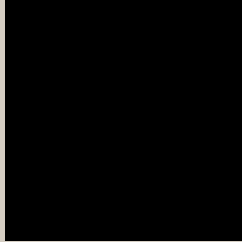
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

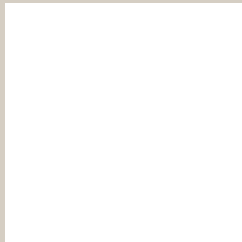
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2289, 0.3260, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 62.2289, 0.3260, 0.3417.

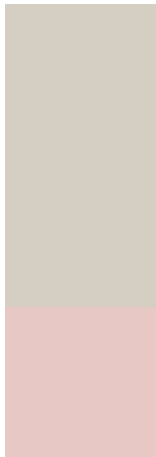


This preview shows how white text looks on a background with the Yxy color 62.2289, 0.3260, 0.3417.

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

62.2289, 0.3260, 0.3417

Protanopia

62.2289, 0.3260, 0.3417

Deuteranopia

62.2830, 0.3404, 0.3335



Tritanopia

61.9019, 0.3120, 0.3111

Trichromacy



Original Color

62.2289, 0.3260, 0.3417

Protanomaly

62.2289, 0.3260, 0.3417

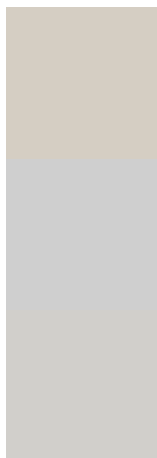
Deuteranomaly

62.0739, 0.3345, 0.3358

Tritanomaly

61.8121, 0.3169, 0.3211

Monochromacy



Original Color

62.2289, 0.3260, 0.3417

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4928, 0.3170, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2289, 0.3260, 0.3417 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(213, 206, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 195)  
}
```

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(213, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.2289, 0.3260, 0.3417 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(213, 206, 195) }
```

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

```
.border{ border-color:rgb(213, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2289, 0.3260, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 195) }
```

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

```
.background{ background-color: rgb(213,  
206, 195) }
```

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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