

Converting Colors

Yxy(62.3515, 0.3252, 0.3334)

Have a look what the booklet for
Yxy(62.3515, 0.3252, 0.3334)
contains.

Yxy(62.1545, 0.3249, 0.3325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1545, 0.3249, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCC9
RGB	217, 204, 201
RGB Percent	85%, 80%, 79%
CMY	0.1493, 0.1999, 0.2118
CMYK	0.00, 0.06, 0.07, 0.15
HSL	11°, 17%, 82%
HSV	11°, 7%, 85%
XYZ	60.7338, 62.1545, 64.0425
YIQ	207.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

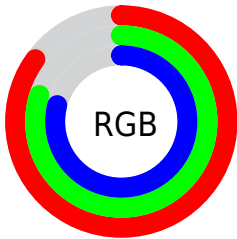
Format	Color
R _Y B	217, 205, 201
Decimal	14273737
CIE Lab	83.00, 3.95, 3.11
CIE LCh	83, 5.032, 38.188
Yxy	62.1545, 0.3249, 0.3325
Android (android.graphics.Color)	4292463817 (0xFFD9CCC9)
YUV	207.5450, -3.2267, 8.2920
Hunter-Lab	78.8381, -0.4573, 7.0237

Details

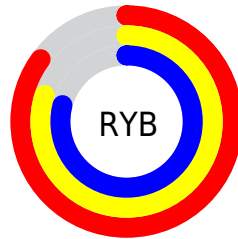
The Yxy color **62.1545, 0.3249, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4565, 0.3014, 0.3255**, and the grayscale version is **62.7796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6007, 0.3280, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **53.3282, 0.3445, 0.3376**, and if you desaturate by 10%, it is **72.0705, 0.3087, 0.3278**.

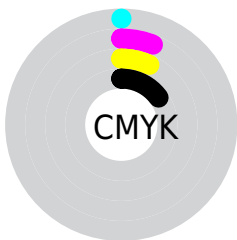
Distribution



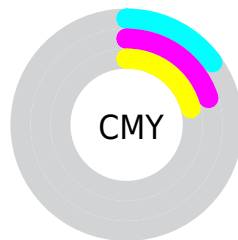
- Red (85%)
- Green (80%)
- Blue (79%)



- Red (85%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1545, 0.3249, 0.3325 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 62.1545, 0.3249, 0.3325 by changing the saturation by 10% instead.

■ 62.1545, 0.3249,
0.3325

■ 62.1545, 0.3249,
0.3325

432.4944, 0.3191,
0.3309

■ 45.1576, 0.3263,
0.3329

107.9488, 0.3228,
0.3319

■ 31.5815, 0.3280,
0.3333

137.5149, 0.3221,
0.3317

■ 21.0421, 0.3302,
0.3339

172.0396, 0.3214,
0.3315

■ 13.1548, 0.3332,
0.3347

211.9072, 0.3208,
0.3314

■ 7.5352, 0.3375,
0.3358

257.5020, 0.3203,
0.3312

■ 3.7990, 0.3439,
0.3374

309.2086, 0.3198,

■ 1.5618, 0.3548,

0.3311

0.3400

367.4113, 0.3194,
0.3310

0.3316, 0.4642,
0.3739

0.0000, 0.0000,
0.0000

62.1545, 0.3249,
0.3325

62.1545, 0.3249,
0.3325

53.3282, 0.3445,
0.3376

72.0705, 0.3087,
0.3278

45.5463, 0.3682,
0.3429

83.1032, 0.2954,
0.3235

38.7724, 0.3966,
0.3482

93.4814, 0.2900,
0.3289

32.9650, 0.4301,
0.3532

■ 28.0793, 0.4684,
0.3571

■ 24.0674, 0.5098,
0.3592

■ 20.8766, 0.5513,
0.3584

■ 18.4484, 0.5879,
0.3543

■ 16.7147, 0.6149,
0.3471

Harmonies

Analogous

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



62.1545, 0.3217, 0.3269



62.1545, 0.3249, 0.3325



62.1545, 0.3248, 0.3373

Triad

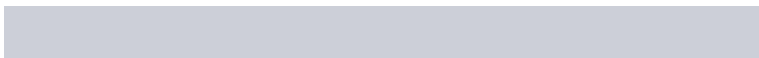
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1545, 0.3249, 0.3325



62.1545, 0.3093, 0.3364



62.1545, 0.3040, 0.3182

Complementary

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



62.1545, 0.3249, 0.3325



65.4565, 0.3014, 0.3255

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.



62.1545, 0.3008, 0.3206



62.1545, 0.3249, 0.3325



62.1545, 0.3038, 0.3311

Square

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



62.1545, 0.3249, 0.3325



62.1545, 0.3158, 0.3396



62.1545, 0.3007, 0.3253



62.1545, 0.3096, 0.3187

Rectangle

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



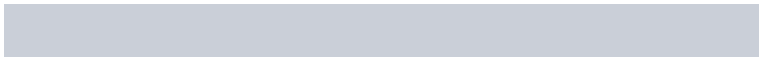
62.1545, 0.3249, 0.3325



62.1545, 0.3229, 0.3393



62.1545, 0.3007, 0.3253



62.1545, 0.3026, 0.3187

Sweetspot

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



62.1572, 0.3249, 0.3325



97.0717, 0.3159, 0.3299



61.3619, 0.3157, 0.3144



20.8081, 0.3157, 0.3299



0.0000, 0.0000, 0.0000



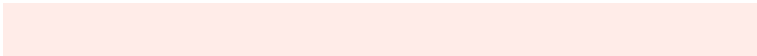
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1572, 0.3249, 0.3325



87.3302, 0.3280, 0.3334



65.9854, 0.3241, 0.3413



13.4521, 0.3287, 0.3335



10.0245, 0.6186, 0.3470



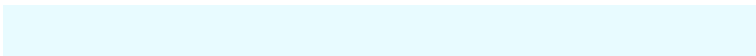
0.7689, 0.5880, 0.3713

Inverse Universe

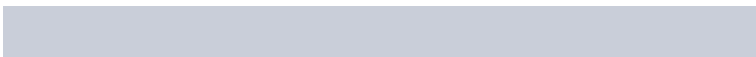
The Inverse Universe completely reimagines the original color for something new.



65.4565, 0.3014, 0.3255



93.1388, 0.2988, 0.3246



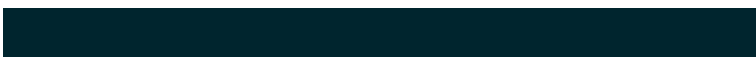
61.5799, 0.3015, 0.3164



14.3847, 0.2982, 0.3244



21.8694, 0.2075, 0.2669



1.5278, 0.2106, 0.2781

Previews

White Background



This preview shows how the Yxy color 62.1545, 0.3249, 0.3325 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 62.1545, 0.3249, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

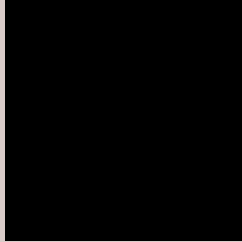
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

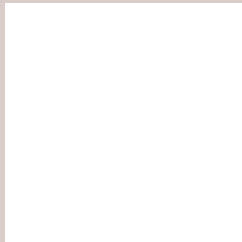
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1545, 0.3249, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.1545, 0.3249, 0.3325.



This preview shows how white text looks on a background with the Yxy color 62.1545, 0.3249, 0.3325.

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

62.1545, 0.3249, 0.3325

Protanopia

62.2558, 0.3194, 0.3336

Deuteranopia

62.0668, 0.3334, 0.3268



Tritanopia

62.3109, 0.3150, 0.3123

Trichromacy



Original Color

62.1545, 0.3249, 0.3325

Protanomaly

62.0730, 0.3210, 0.3325

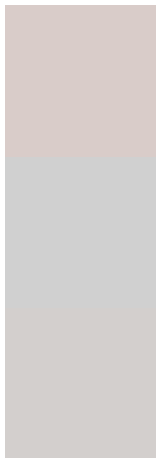
Deuteranomaly

61.8848, 0.3301, 0.3279

Tritanomaly

62.3204, 0.3185, 0.3200

Monochromacy



Original Color

62.1545, 0.3249, 0.3325

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8823, 0.3172, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1545, 0.3249, 0.3325 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(217, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 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(217, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 62.1545, 0.3249, 0.3325 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(217, 204, 201) }
```

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

```
.border{ border-color:rgb(217, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1545, 0.3249, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 201) }
```

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

```
.background{ background-color: rgb(217,  
204, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor