

Converting Colors

Yxy(62.2741, 0.3216, 0.3319)

Have a look what the booklet for
Yxy(62.2741, 0.3216, 0.3319)
contains.

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Color

Yxy(62.2231, 0.3218, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDCA
RGB	214, 205, 202
RGB Percent	84%, 80%, 79%
CMY	0.1608, 0.1960, 0.2080
CMYK	0.00, 0.04, 0.06, 0.16
HSL	15°, 13%, 82%
HSV	15°, 6%, 84%
XYZ	60.2207, 62.2231, 64.6933
YIQ	207.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

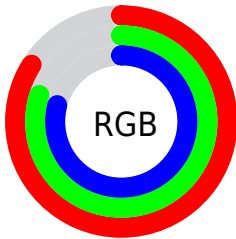
Format	Color
R _Y B	214, 206, 202
Decimal	14077386
CIE Lab	83.03, 2.58, 2.61
CIE LCh	83, 3.669, 45.289
Yxy	62.2231, 0.3218, 0.3325
Android (android.graphics.Color)	4292267466 (0xFFD6CDCA)
YUV	207.3490, -2.6371, 5.8329
Hunter-Lab	78.8816, -1.7703, 6.5915

Details

The Yxy color **62.2231, 0.3218, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9776, 0.3041, 0.3255**, and the grayscale version is **62.6484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6423, 0.3237, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **54.0156, 0.3404, 0.3391**, and if you desaturate by 10%, it is **71.3589, 0.3063, 0.3264**.

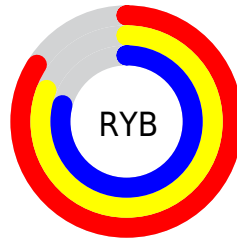
Distribution



Red (84%)

Green (80%)

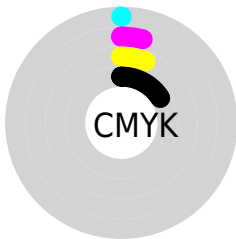
Blue (79%)



Red (84%)

Yellow (81%)

Blue (79%)

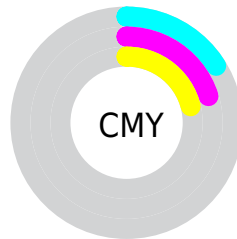


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (16%)



Cyan (16%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2231, 0.3218, 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 62.2231, 0.3218, 0.3325 by changing the saturation by 10% instead.

■ 62.2231, 0.3218,
0.3325

■ 62.2231, 0.3218,
0.3325

432.7444, 0.3175,
0.3309

■ 45.2130, 0.3228,
0.3329

108.0479, 0.3203,
0.3319

■ 31.6252, 0.3241,
0.3334

137.6314, 0.3197,
0.3317

■ 21.0754, 0.3258,
0.3340

172.1748, 0.3192,
0.3315

■ 13.1791, 0.3280,
0.3348

212.0625, 0.3187,
0.3313

■ 7.5520, 0.3311,
0.3359

257.6790, 0.3184,
0.3312

■ 3.8097, 0.3359,
0.3376

309.4085, 0.3180,

■ 1.5677, 0.3440,

0.3311

0.3404

367.6355, 0.3177,
0.3310

0.3357, 0.4241,
0.3726

0.0000, 0.0000,
0.0000

62.2231, 0.3218,
0.3325

62.2231, 0.3218,
0.3325

54.0156, 0.3404,
0.3391

71.3589, 0.3063,
0.3264

46.6993, 0.3627,
0.3460

81.4428, 0.2933,
0.3208

40.2460, 0.3892,
0.3530

91.7636, 0.2882,
0.3269

34.6235, 0.4201,
0.3597

93.0365, 0.2883,
0.3289

■ 29.7971, 0.4554,
0.3654

■ 25.7299, 0.4938,
0.3691

■ 22.3816, 0.5331,
0.3697

■ 19.7081, 0.5693,
0.3662

■ 17.6597, 0.5982,
0.3586

Harmonies

Analogous

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



62.2231, 0.3200, 0.3284



62.2231, 0.3218, 0.3325



62.2231, 0.3211, 0.3357

Triad

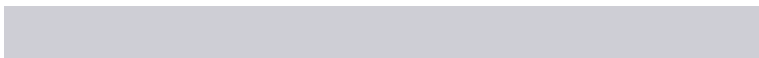
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2231, 0.3218, 0.3325



62.2231, 0.3092, 0.3335



62.2231, 0.3072, 0.3210

Complementary

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



62.2231, 0.3218, 0.3325



63.9776, 0.3041, 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.



62.2231, 0.3044, 0.3223



62.2231, 0.3218, 0.3325



62.2231, 0.3055, 0.3295

Square

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



62.2231, 0.3218, 0.3325



62.2231, 0.3138, 0.3363



62.2231, 0.3037, 0.3254



62.2231, 0.3116, 0.3219

Rectangle

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



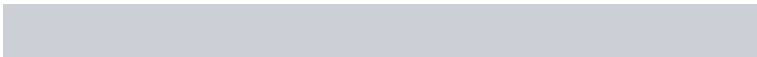
62.2231, 0.3218, 0.3325



62.2231, 0.3194, 0.3369



62.2231, 0.3037, 0.3254



62.2231, 0.3061, 0.3212

Sweetspot

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



62.2258, 0.3218, 0.3325



97.2678, 0.3159, 0.3302



61.2259, 0.3155, 0.3188



20.8480, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



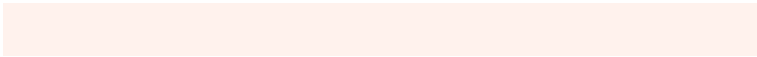
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2258, 0.3218, 0.3325



90.6841, 0.3243, 0.3334



65.1448, 0.3212, 0.3393



13.2723, 0.3251, 0.3337



10.3797, 0.6062, 0.3569



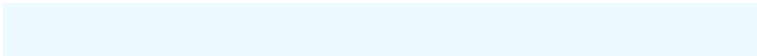
0.7593, 0.5718, 0.3842

Inverse Universe

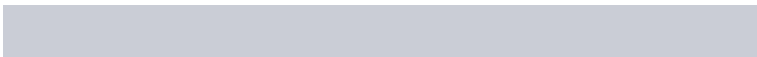
The Inverse Universe completely reimagines the original color for something new.



63.9776, 0.3041, 0.3255



93.9277, 0.3019, 0.3245



61.0592, 0.3042, 0.3185



13.7801, 0.3011, 0.3242



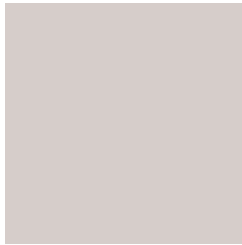
18.2950, 0.2016, 0.2456



1.2318, 0.2060, 0.2617

Previews

White Background



This preview shows how the Yxy color 62.2231, 0.3218, 0.3325 looks on a white background.

Color Contrast Check

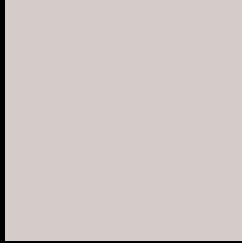
Large Text (above 18pt) WCAG AA × Fail

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 62.2231, 0.3218, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

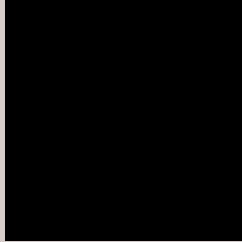
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

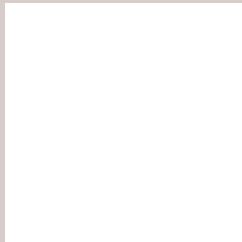
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2231, 0.3218, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.2231, 0.3218, 0.3325.

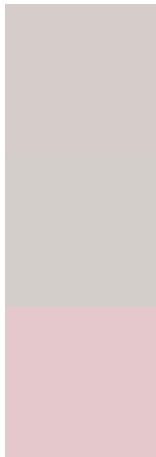


This preview shows how white text looks on a background with the Yxy color 62.2231, 0.3218, 0.3325.

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

62.2231, 0.3218, 0.3325

Protanopia

62.2558, 0.3194, 0.3336

Deuteranopia

62.1143, 0.3326, 0.3257



Tritanopia

61.9019, 0.3120, 0.3111

Trichromacy



Original Color

62.2231, 0.3218, 0.3325

Protanomaly

62.4039, 0.3201, 0.3336

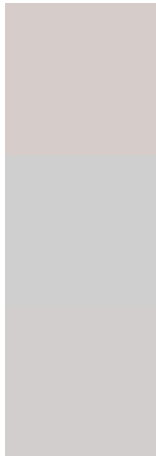
Deuteranomaly

62.2408, 0.3284, 0.3279

Tritanomaly

61.9124, 0.3155, 0.3188

Monochromacy



Original Color

62.2231, 0.3218, 0.3325

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2520, 0.3165, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2231, 0.3218, 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(214, 205, 202) looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 202)  
}
```

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(214, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 62.2231, 0.3218, 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(214, 205, 202) }
```

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

```
.border{ border-color:rgb(214, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2231, 0.3218, 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(214, 205, 202) }
```

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

```
.background{ background-color: rgb(214,  
205, 202) }
```

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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