

Converting Colors

$Y_{xy}(62.3140, 0.3218, 0.3304)$

Have a look what the booklet for
Yxy(62.3140, 0.3218, 0.3304)
contains.

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Color

Yxy(62.4215, 0.3218, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDCB
RGB	215, 205, 203
RGB Percent	84%, 80%, 80%
CMY	0.1569, 0.1960, 0.2039
CMYK	0.00, 0.05, 0.06, 0.16
HSL	10°, 13%, 82%
HSV	10°, 6%, 84%
XYZ	60.6316, 62.4215, 65.3608
YIQ	207.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

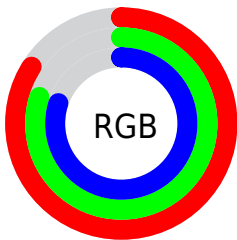
Format	Color
R _Y B	215, 205, 203
Decimal	14142923
CIE Lab	83.14, 3.10, 2.21
CIE LCh	83, 3.811, 35.495
Yxy	62.4215, 0.3218, 0.3313
Android (android.graphics.Color)	4292333003 (0xFFD7CDCB)
YUV	207.7620, -2.3477, 6.3477
Hunter-Lab	79.0073, -1.2787, 6.2560

Details

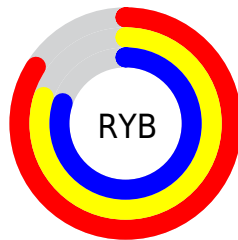
The Yxy color **62.4215, 0.3218, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1834, 0.3041, 0.3267**, and the grayscale version is **62.9270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7767, 0.3238, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **53.3846, 0.3408, 0.3357**, and if you desaturate by 10%, it is **72.5869, 0.3062, 0.3272**.

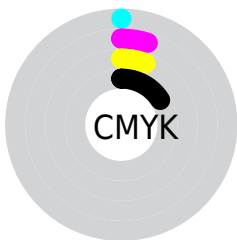
Distribution



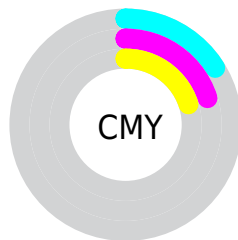
- Red (84%)
- Green (80%)
- Blue (80%)



- Red (84%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4215, 0.3218, 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 62.4215, 0.3218, 0.3313 by changing the saturation by 10% instead.

■ 62.4215, 0.3218,
0.3313

■ 62.4215, 0.3218,
0.3313

433.4669, 0.3175,
0.3302

■ 45.3734, 0.3228,
0.3315

108.3345, 0.3203,
0.3309

■ 31.7516, 0.3241,
0.3319

137.9681, 0.3197,
0.3308

■ 21.1719, 0.3258,
0.3323

172.5657, 0.3192,
0.3307

■ 13.2497, 0.3280,
0.3328

212.5117, 0.3187,
0.3306

■ 7.6007, 0.3311,
0.3335

258.1904, 0.3184,
0.3305

■ 3.8405, 0.3359,
0.3346

309.9862, 0.3180,

■ 1.5848, 0.3439,

0.3304

368.2836, 0.3177,
0.3303

0.3363

0.3473, 0.4156,
0.3556

0.0000, 0.0000,
0.0000

62.4215, 0.3218,
0.3313

62.4215, 0.3218,
0.3313

53.3846, 0.3408,
0.3357

72.5869, 0.3062,
0.3272

45.4293, 0.3640,
0.3403

83.9094, 0.2933,
0.3235

38.5173, 0.3919,
0.3450

93.1839, 0.2888,
0.3289

32.6051, 0.4251,
0.3494

■ 27.6461, 0.4634,
0.3530

■ 23.5898, 0.5055,
0.3551

■ 20.3811, 0.5481,
0.3547

■ 17.9587, 0.5864,
0.3513

■ 16.2526, 0.6149,
0.3451

Harmonies

Analogous

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



62.4215, 0.3192, 0.3270



62.4215, 0.3218, 0.3313



62.4215, 0.3220, 0.3350

Triad

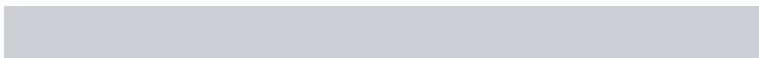
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4215, 0.3218, 0.3313



62.4215, 0.3106, 0.3348



62.4215, 0.3058, 0.3209

Complementary

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



62.4215, 0.3218, 0.3313



65.1834, 0.3041, 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.



62.4215, 0.3036, 0.3230



62.4215, 0.3218, 0.3313



62.4215, 0.3063, 0.3310

Square

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



62.4215, 0.3218, 0.3313



62.4215, 0.3155, 0.3371



62.4215, 0.3037, 0.3266



62.4215, 0.3099, 0.3211

Rectangle

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



62.4215, 0.3218, 0.3313



62.4215, 0.3207, 0.3367



62.4215, 0.3037, 0.3266



62.4215, 0.3048, 0.3214

Sweetspot

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



62.4242, 0.3218, 0.3313



96.9948, 0.3159, 0.3298



61.9658, 0.3148, 0.3177



20.7924, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



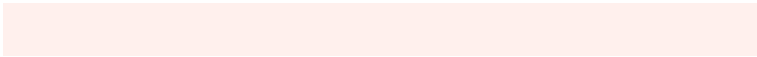
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4242, 0.3218, 0.3313



89.7792, 0.3244, 0.3319



65.3404, 0.3213, 0.3381



13.1309, 0.3253, 0.3321



9.4960, 0.6225, 0.3439



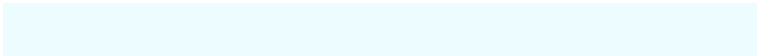
0.6782, 0.5917, 0.3684

Inverse Universe

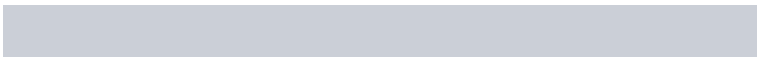
The Inverse Universe completely reimagines the original color for something new.



65.1834, 0.3041, 0.3267



94.8845, 0.3018, 0.3260



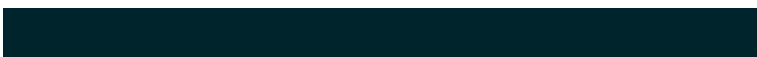
62.2306, 0.3042, 0.3198



13.9302, 0.3011, 0.3258



22.3817, 0.2098, 0.2752



1.4458, 0.2126, 0.2855

Previews

White Background



This preview shows how the Yxy color 62.4215, 0.3218, 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 62.4215, 0.3218, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

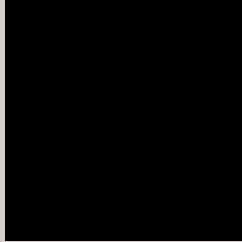
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

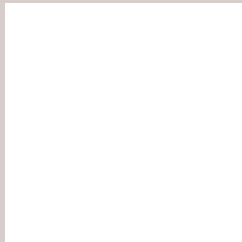
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4215, 0.3218, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.4215, 0.3218, 0.3313.

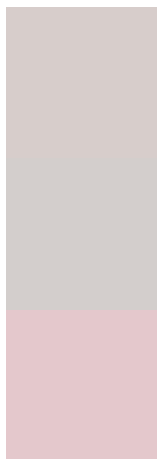


This preview shows how white text looks on a background with the Yxy color 62.4215, 0.3218, 0.3313.

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

62.4215, 0.3218, 0.3313

Protanopia

62.3511, 0.3179, 0.3313

Deuteranopia

62.1622, 0.3319, 0.3246



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.4215, 0.3218, 0.3313

Protanomaly

62.4993, 0.3187, 0.3313

Deuteranomaly

62.2887, 0.3277, 0.3268

Tritanomaly

62.5888, 0.3155, 0.3189

Monochromacy



Original Color

62.4215, 0.3218, 0.3313

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9308, 0.3164, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4215, 0.3218, 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(215, 205, 203) looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 203)  
}
```

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(215, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.4215, 0.3218, 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(215, 205, 203) }
```

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

```
.border{ border-color:rgb(215, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4215, 0.3218, 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(215, 205, 203) }
```

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

```
.background{ background-color: rgb(215,  
205, 203) }
```

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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