

Converting Colors

Yxy(59.0512, 0.3328, 0.3429)

Have a look what the booklet for
Yxy(59.0512, 0.3328, 0.3429)
contains.

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Color

Yxy(59.2355, 0.3328, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	D6C8BC
RGB	214, 200, 188
RGB Percent	84%, 78%, 74%
CMY	0.1606, 0.2157, 0.2627
CMYK	0.00, 0.07, 0.12, 0.16
HSL	28°, 24%, 79%
HSV	28°, 12%, 84%
XYZ	57.4740, 59.2355, 55.9888
YIQ	202.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

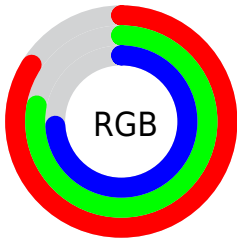
Format	Color
RYB	214, 210, 188
Decimal	14076092
CIELab	81.42, 2.89, 7.74
CIELCh	81, 8.261, 69.487
Yxy	59.2355, 0.3328, 0.3430
Android (android.graphics.Color)	4292266172 (0xFFD6C8BC)
YUV	202.8180, -7.3053, 9.8066
Hunter-Lab	76.9646, -1.3916, 10.7440

Details

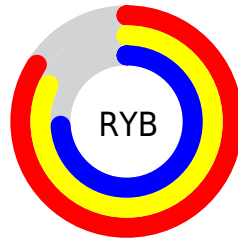
The Yxy color **59.2355, 0.3328, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8256, 0.2939, 0.3146**, and the grayscale version is **59.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **29.6780, 0.3376, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **53.2293, 0.3521, 0.3552**, and if you desaturate by 10%, it is **65.7886, 0.3160, 0.3314**.

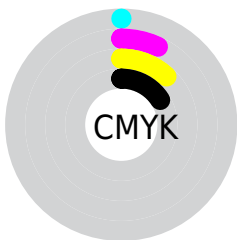
Distribution



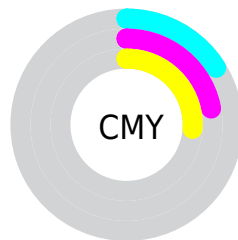
- Red (84%)
- Green (78%)
- Blue (74%)



- Red (84%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2355, 0.3328, 0.3430 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 59.2355, 0.3328, 0.3430 by changing the saturation by 10% instead.

 59.2355, 0.3328,
0.3430

 59.2355, 0.3328,
0.3430


421.7741, 0.3231,
0.3363

 42.8027, 0.3351,
0.3446


 103.7199, 0.3294,
0.3406

 29.7304, 0.3380,
0.3465


132.5402, 0.3281,
0.3397

 19.6340, 0.3418,
0.3491


166.2586, 0.3269,
0.3390

 12.1293, 0.3469,
0.3525

205.2594, 0.3260,
0.3383

 6.8318, 0.3541,
0.3572

249.9269, 0.3251,
0.3377

 3.3571, 0.3653,
0.3643

300.6456, 0.3244,

 1.3209, 0.3850,

0.3372

0.3767

357.7999, 0.3237,
0.3367

■ 0.1573, 0.5833,
0.4167

■ 0.0000, 0.0000,
0.0000

■ 59.2355, 0.3328,
0.3430

■ 59.2355, 0.3328,
0.3430

■ 53.2293, 0.3521,
0.3552

■ 65.7886, 0.3160,
0.3314

■ 47.7474, 0.3741,
0.3677

■ 72.8951, 0.3015,
0.3206

■ 42.7766, 0.3988,
0.3801

■ 80.5712, 0.2890,
0.3106

■ 38.3004, 0.4259,
0.3914

■ 87.5712, 0.2879,
0.3199

■ 34.3012, 0.4549,
0.4008

■ 93.0432, 0.2883,
0.3289

■ 30.7601, 0.4843,
0.4069

■ 27.6564, 0.5125,
0.4084

■ 24.9668, 0.5372,
0.4045

■ 23.1246, 0.5539,
0.3984

Harmonies

Analogous

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



59.2355, 0.3332, 0.3351



59.2355, 0.3328, 0.3430



59.2355, 0.3269, 0.3473

Triad

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



59.2355, 0.3328, 0.3430



59.2355, 0.2976, 0.3320



59.2355, 0.3079, 0.3121

Complementary

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



59.2355, 0.3328, 0.3430



57.8256, 0.2939, 0.3146

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.



59.2355, 0.2985, 0.3111



59.2355, 0.3328, 0.3430



59.2355, 0.2927, 0.3224

Square

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



59.2355, 0.3328, 0.3430



59.2355, 0.3065, 0.3410



59.2355, 0.2930, 0.3147



59.2355, 0.3187, 0.3175

Rectangle

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



59.2355, 0.3328, 0.3430



59.2355, 0.3208, 0.3475



59.2355, 0.2930, 0.3147



59.2355, 0.3045, 0.3112

Sweetspot

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



59.2381, 0.3328, 0.3430



95.8962, 0.3190, 0.3335



54.5559, 0.3232, 0.3124



20.3638, 0.3202, 0.3344



0.0000, 0.0000, 0.0000



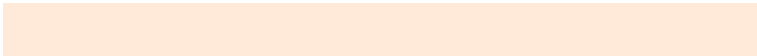
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2381, 0.3328, 0.3430



85.2987, 0.3383, 0.3466



65.3950, 0.3310, 0.3574



13.3527, 0.3280, 0.3398



14.1739, 0.5515, 0.4003



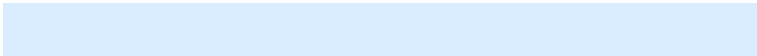
1.0194, 0.5229, 0.4230

Inverse Universe

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



57.8256, 0.2939, 0.3146



82.7369, 0.2892, 0.3107



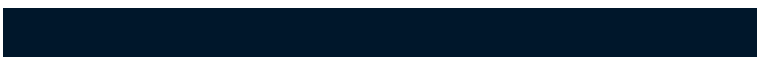
52.0820, 0.2936, 0.2989



13.1085, 0.2982, 0.3180



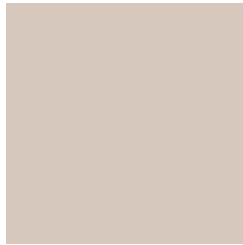
10.6342, 0.1812, 0.1723



0.8062, 0.1894, 0.2016

Previews

White Background



This preview shows how the Yxy color 59.2355, 0.3328, 0.3430 looks on a white background.

Color Contrast Check

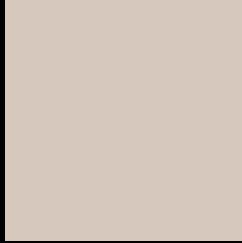
Large Text (above 18pt) WCAG AA × Fail

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 59.2355, 0.3328, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

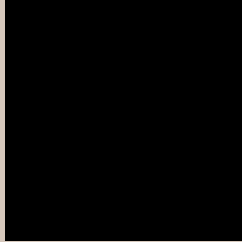
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

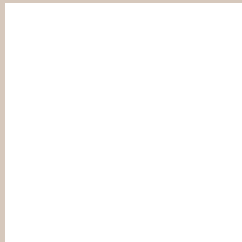
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2355, 0.3328, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 59.2355, 0.3328, 0.3430.



This preview shows how white text looks on a background with the Yxy color 59.2355, 0.3328, 0.3430.

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

59.2355, 0.3328, 0.3430

Protanopia

59.4705, 0.3277, 0.3443

Deuteranopia

59.0352, 0.3435, 0.3359



Tritanopia

58.9850, 0.3175, 0.3109

Trichromacy



Original Color

59.2355, 0.3328, 0.3430

Protanomaly

59.2963, 0.3295, 0.3431

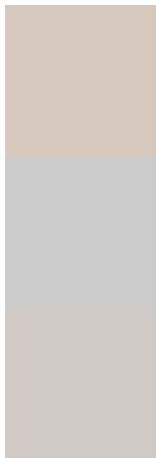
Deuteranomaly

59.1362, 0.3390, 0.3382

Tritanomaly

58.8432, 0.3234, 0.3222

Monochromacy



Original Color

59.2355, 0.3328, 0.3430

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5837, 0.3195, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2355, 0.3328, 0.3430 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 59.2355, 0.3328, 0.3430 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, 200, 188) }
```

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

```
.border{ border-color:rgb(214, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2355, 0.3328, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 188) }
```

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

```
.background{ background-color: rgb(214,  
200, 188) }
```

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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