

Converting Colors

$Yxy(58.1296, 0.3224, 0.3337)$

Have a look what the booklet for
Yxy(58.1296, 0.3224, 0.3337)
contains.

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Color

Yxy(58.1969, 0.3228, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	D0C7C3
RGB	208, 199, 195
RGB Percent	82%, 78%, 76%
CMY	0.1842, 0.2196, 0.2352
CMYK	0.00, 0.04, 0.06, 0.18
HSL	18°, 12%, 79%
HSV	18°, 6%, 82%
XYZ	56.2960, 58.1969, 59.9060
YIQ	201.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

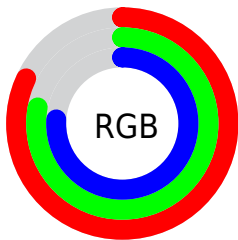
Format	Color
RYB	208, 201, 195
Decimal	13682627
CIELab	80.85, 2.45, 3.10
CIElCh	81, 3.952, 51.597
Yxy	58.1969, 0.3228, 0.3337
Android (android.graphics.Color)	4291872707 (0xFFD0C7C3)
YUV	201.2350, -3.0739, 5.9329
Hunter-Lab	76.2869, -1.7779, 6.8420

Details

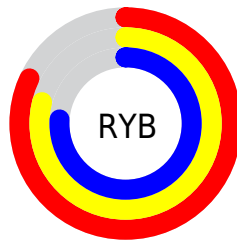
The Yxy color **58.1969, 0.3228, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3788, 0.3031, 0.3243**, and the grayscale version is **58.5833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **29.0439, 0.3262, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **50.9831, 0.3413, 0.3416**, and if you desaturate by 10%, it is **66.1790, 0.3072, 0.3263**.

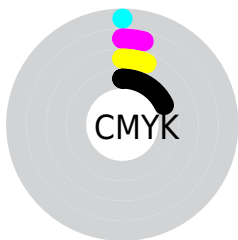
Distribution



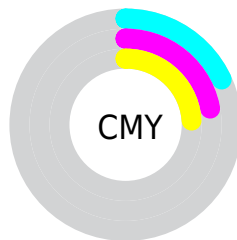
- Red (82%)
- Green (78%)
- Blue (76%)



- Red (82%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1969, 0.3228, 0.3337 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 58.1969, 0.3228, 0.3337 by changing the saturation by 10% instead.

■ 58.1969, 0.3228,
0.3337

■ 58.1969, 0.3228,
0.3337

417.9192, 0.3179,
0.3315

■ 41.9670, 0.3240,
0.3342

102.2095, 0.3211,
0.3329

■ 29.0754, 0.3254,
0.3349

130.7610, 0.3204,
0.3326

■ 19.1379, 0.3273,
0.3358

164.1885, 0.3198,
0.3323

■ 11.7700, 0.3299,
0.3369

202.8763, 0.3194,
0.3321

■ 6.5872, 0.3336,
0.3385

247.2089, 0.3189,
0.3319

■ 3.2053, 0.3394,
0.3410

297.5707, 0.3186,

■ 1.2398, 0.3494,

0.3318

354.3460, 0.3182,
0.3316

0.3452

0.0939, 0.6137,
0.3863

0.0000, 0.0000,
0.0000

58.1969, 0.3228,
0.3337

58.1969, 0.3228,
0.3337

50.9831, 0.3413,
0.3416

66.1790, 0.3072,
0.3263

44.5071, 0.3633,
0.3500

74.9437, 0.2940,
0.3195

38.7472, 0.3890,
0.3584

84.3570, 0.2842,
0.3157

33.6782, 0.4187,
0.3664

92.1558, 0.2849,
0.3289

■ 29.2731, 0.4523,
0.3733

■ 25.5028, 0.4885,
0.3780

■ 22.3364, 0.5252,
0.3792

■ 19.7395, 0.5593,
0.3760

■ 17.6733, 0.5871,
0.3681

Harmonies

Analogous

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



58.1969, 0.3214, 0.3293



58.1969, 0.3228, 0.3337



58.1969, 0.3215, 0.3369

Triad

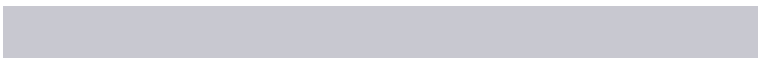
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.1969, 0.3228, 0.3337



58.1969, 0.3078, 0.3332



58.1969, 0.3076, 0.3202

Complementary

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



58.1969, 0.3228, 0.3337



59.3788, 0.3031, 0.3243

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.



58.1969, 0.3040, 0.3212



58.1969, 0.3228, 0.3337



58.1969, 0.3042, 0.3286

Square

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



58.1969, 0.3228, 0.3337



58.1969, 0.3129, 0.3366



58.1969, 0.3028, 0.3242



58.1969, 0.3125, 0.3216

Rectangle

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



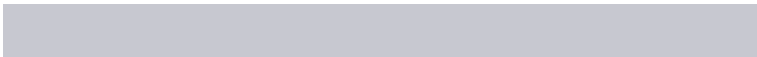
58.1969, 0.3228, 0.3337



58.1969, 0.3193, 0.3378



58.1969, 0.3028, 0.3242



58.1969, 0.3062, 0.3203

Sweetspot

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



58.1994, 0.3228, 0.3337



97.4353, 0.3159, 0.3305



56.8204, 0.3163, 0.3184



20.8821, 0.3157, 0.3304



0.0000, 0.0000, 0.0000



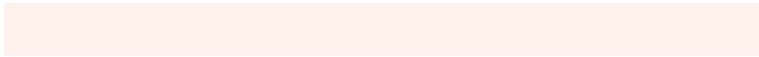
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1994, 0.3228, 0.3337



90.0410, 0.3260, 0.3351



61.2283, 0.3222, 0.3412



12.3880, 0.3283, 0.3362



10.7553, 0.5937, 0.3668



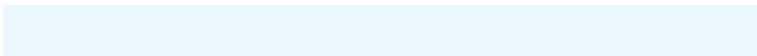
0.7412, 0.5572, 0.3958

Inverse Universe

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



59.3788, 0.3031, 0.3243



92.4277, 0.3003, 0.3228



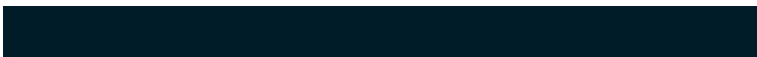
56.3767, 0.3032, 0.3165



12.7730, 0.2983, 0.3217



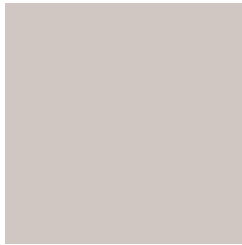
15.5515, 0.1964, 0.2271



1.0061, 0.2022, 0.2480

Previews

White Background



This preview shows how the Yxy color 58.1969, 0.3228, 0.3337 looks on a white background.

Color Contrast Check

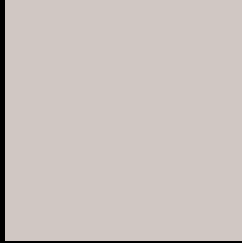
Large Text (above 18pt) WCAG AA × Fail

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 58.1969, 0.3228, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

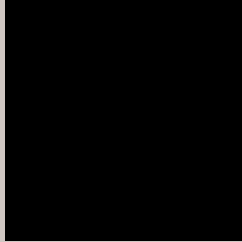
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

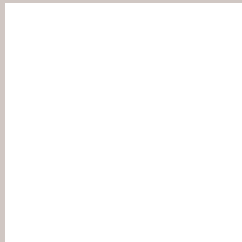
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1969, 0.3228, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 58.1969, 0.3228, 0.3337.

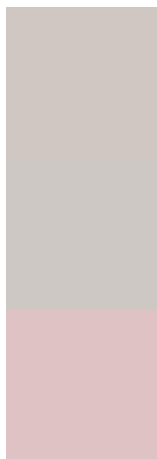


This preview shows how white text looks on a background with the Yxy color 58.1969, 0.3228, 0.3337.

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

58.1969, 0.3228, 0.3337

Protanopia

58.2278, 0.3203, 0.3349

Deuteranopia

58.0987, 0.3340, 0.3268



Tritanopia

57.9350, 0.3120, 0.3106

Trichromacy



Original Color

58.1969, 0.3228, 0.3337

Protanomaly

58.3705, 0.3211, 0.3349

Deuteranomaly

58.2171, 0.3296, 0.3291

Tritanomaly

57.9440, 0.3156, 0.3186

Monochromacy



Original Color

58.1969, 0.3228, 0.3337

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2694, 0.3166, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1969, 0.3228, 0.3337 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(208, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 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(208, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.1969, 0.3228, 0.3337 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(208, 199, 195) }
```

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

```
.border{ border-color:rgb(208, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1969, 0.3228, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 195) }
```

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

```
.background{ background-color: rgb(208,  
199, 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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