

Converting Colors

Yxy(58.4433, 0.3255, 0.3366)

Have a look what the booklet for
Yxy(58.4433, 0.3255, 0.3366)
contains.

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Color

Yxy(58.2524, 0.3251, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C1
RGB	209, 199, 193
RGB Percent	82%, 78%, 76%
CMY	0.1803, 0.2196, 0.2432
CMYK	0.00, 0.05, 0.08, 0.18
HSL	23°, 15%, 79%
HSV	23°, 8%, 82%
XYZ	56.3459, 58.2524, 58.7204
YIQ	201.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

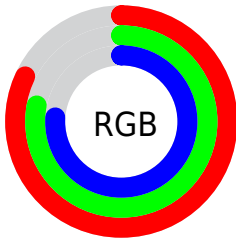
Format	Color
R_{YB}	209, 203, 193
Decimal	13748161
CIE Lab	80.88, 2.45, 4.24
CIE LCh	81, 4.893, 60.007
Yxy	58.2524, 0.3251, 0.3361
Android (android.graphics.Color)	4291938241 (0xFFD1C7C1)
YUV	201.3060, -4.0949, 6.7476
Hunter-Lab	76.3233, -1.7875, 7.8107

Details

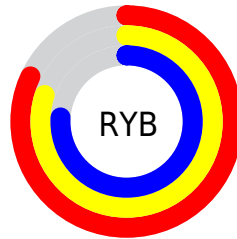
The Yxy color **58.2524, 0.3251, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6557, 0.3010, 0.3218**, and the grayscale version is **58.6328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **29.1128, 0.3283, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **51.6314, 0.3437, 0.3459**, and if you desaturate by 10%, it is **65.5264, 0.3092, 0.3269**.

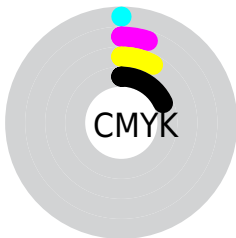
Distribution



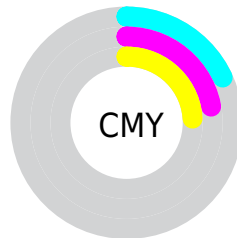
- Red (82%)
- Green (78%)
- Blue (76%)



- Red (82%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2524, 0.3251, 0.3361 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 58.2524, 0.3251, 0.3361 by changing the saturation by 10% instead.

■ 58.2524, 0.3251,
0.3361

■ 58.2524, 0.3251,
0.3361

418.1258, 0.3191,
0.3327

■ 42.0116, 0.3265,
0.3369

■ 102.2903, 0.3230,
0.3349

■ 29.1104, 0.3283,
0.3379

130.8562, 0.3222,
0.3344

■ 19.1643, 0.3307,
0.3392

164.2993, 0.3215,
0.3341

■ 11.7891, 0.3339,
0.3410

203.0039, 0.3209,
0.3337

■ 6.6002, 0.3384,
0.3434

247.3545, 0.3204,
0.3334

■ 3.2134, 0.3455,
0.3472

297.7354, 0.3199,

■ 1.2441, 0.3578,

0.3332

354.5310, 0.3195,
0.3329

0.3535

0.0973, 0.6100,
0.3900

0.0000, 0.0000,
0.0000

58.2524, 0.3251,
0.3361

58.2524, 0.3251,
0.3361

51.6314, 0.3437,
0.3459

65.5264, 0.3092,
0.3269

45.6373, 0.3653,
0.3561

73.4634, 0.2957,
0.3184

40.2535, 0.3903,
0.3664

82.0378, 0.2845,
0.3113

35.4594, 0.4187,
0.3761

89.9307, 0.2853,
0.3251

■ 31.2336, 0.4501,
0.3845

■ 92.2977, 0.2855,
0.3289

■ 27.5530, 0.4833,
0.3903

■ 24.3927, 0.5166,
0.3923

■ 21.7252, 0.5471,
0.3893

■ 19.5178, 0.5725,
0.3813

Harmonies

Analogous

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



58.2524, 0.3243, 0.3310



58.2524, 0.3251, 0.3361



58.2524, 0.3226, 0.3394

Triad

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



58.2524, 0.3251, 0.3361



58.2524, 0.3052, 0.3326



58.2524, 0.3079, 0.3184

Complementary

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



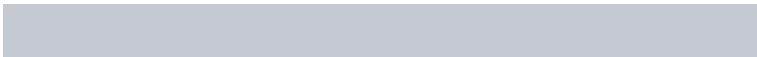
58.2524, 0.3251, 0.3361



58.6557, 0.3010, 0.3218

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.



58.2524, 0.3029, 0.3187



58.2524, 0.3251, 0.3361



58.2524, 0.3013, 0.3269

Square

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



58.2524, 0.3251, 0.3361



58.2524, 0.3111, 0.3374



58.2524, 0.3005, 0.3218



58.2524, 0.3143, 0.3208

Rectangle

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



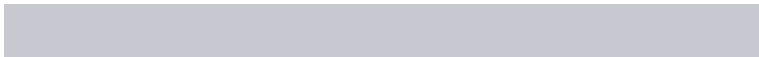
58.2524, 0.3251, 0.3361



58.2524, 0.3194, 0.3401



58.2524, 0.3005, 0.3218



58.2524, 0.3060, 0.3181

Sweetspot

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



58.2549, 0.3251, 0.3361



97.6590, 0.3158, 0.3308



56.0124, 0.3180, 0.3171



20.9277, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



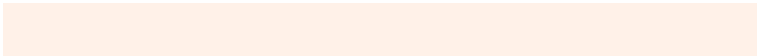
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2549, 0.3251, 0.3361



89.7965, 0.3276, 0.3375



61.9750, 0.3242, 0.3452



12.5243, 0.3281, 0.3378



11.9256, 0.5754, 0.3813



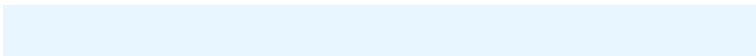
0.8175, 0.5408, 0.4088

Inverse Universe

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



58.6557, 0.3010, 0.3218



90.5353, 0.2987, 0.3204



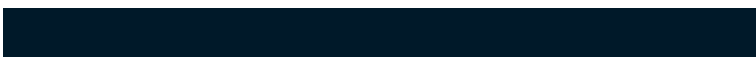
55.0283, 0.3010, 0.3123



12.6309, 0.2983, 0.3201



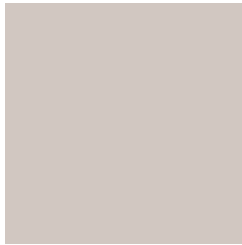
12.9791, 0.1895, 0.2022



0.8755, 0.1967, 0.2280

Previews

White Background



This preview shows how the Yxy color 58.2524, 0.3251, 0.3361 looks on a white background.

Color Contrast Check

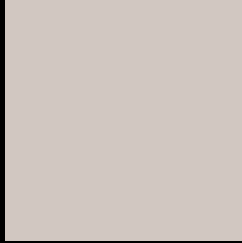
Large Text (above 18pt) WCAG AA × Fail

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 58.2524, 0.3251, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

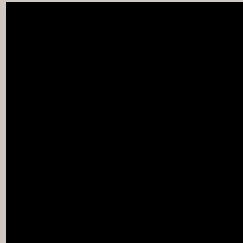
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2524, 0.3251, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 58.2524, 0.3251, 0.3361.

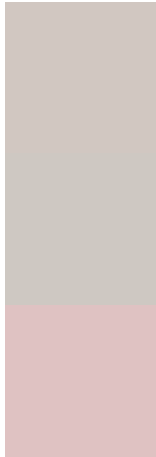


This preview shows how white text looks on a background with the Yxy color 58.2524, 0.3251, 0.3361.

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

58.2524, 0.3251, 0.3361

Protanopia

58.3254, 0.3218, 0.3361

Deuteranopia

58.1666, 0.3364, 0.3291



Tritanopia

58.2304, 0.3136, 0.3107

Trichromacy



Original Color

58.2524, 0.3251, 0.3361

Protanomaly

58.4690, 0.3226, 0.3361

Deuteranomaly

58.2803, 0.3320, 0.3314

Tritanomaly

58.1892, 0.3179, 0.3198

Monochromacy



Original Color

58.2524, 0.3251, 0.3361

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2231, 0.3173, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2524, 0.3251, 0.3361 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(209, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 193)  
}
```

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(209, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.2524, 0.3251, 0.3361 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(209, 199, 193) }
```

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

```
.border{ border-color:rgb(209, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2524, 0.3251, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 193) }
```

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

```
.background{ background-color: rgb(209,  
199, 193) }
```

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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