

Converting Colors

Yxy(65.9373, 0.3280, 0.3519)

Have a look what the booklet for
Yxy(65.9373, 0.3280, 0.3519)
contains.

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Color

Yxy(65.8858, 0.3281, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5C1
RGB	215, 213, 193
RGB Percent	84%, 84%, 76%
CMY	0.1569, 0.1647, 0.2430
CMYK	0.00, 0.01, 0.10, 0.16
HSL	55°, 22%, 80%
HSV	55°, 10%, 84%
XYZ	61.4472, 65.8858, 59.9490
YIQ	211.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

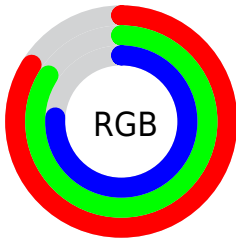
Format	Color
RYB	195, 215, 193
Decimal	14144961
CIELab	84.94, -2.74, 10.11
CIELCh	85, 10.474, 105.160
Yxy	65.8858, 0.3281, 0.3518
Android (android.graphics.Color)	4292335041 (0xFFD7D5C1)
YUV	211.3180, -9.0308, 3.2291
Hunter-Lab	81.1701, -6.9199, 13.0298

Details

The Yxy color **65.8858, 0.3281, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2930, 0.2968, 0.3051**, and the grayscale version is **65.4226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.7914, 0.3322, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **64.0189, 0.3438, 0.3748**, and if you desaturate by 10%, it is **67.9098, 0.3130, 0.3295**.

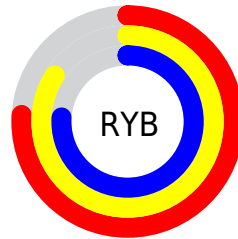
Distribution



Red (84%)

Green (84%)

Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

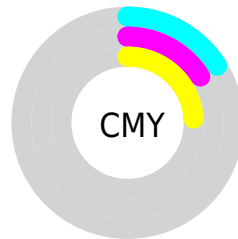


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8858, 0.3281, 0.3518 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 65.8858, 0.3281, 0.3518 by changing the saturation by 10% instead.

 65.8858, 0.3281,
0.3518

 65.8858, 0.3281,
0.3518


445.9684, 0.3209,
0.3410

 48.1797, 0.3298,
0.3543

 113.3224, 0.3256,
0.3480

 33.9692, 0.3319,
0.3575

143.8217, 0.3246,
0.3465

 22.8700, 0.3345,
0.3616


179.3542, 0.3238,
0.3453

 14.4975, 0.3380,
0.3670

220.3043, 0.3230,
0.3442

 8.4675, 0.3429,
0.3746

267.0563, 0.3224,
0.3432

 4.3955, 0.3499,
0.3858

319.9948, 0.3218,

 1.8972, 0.3612,

0.3424

0.4044

379.5040, 0.3213,
0.3417

0.5467, 0.4530,
0.5470

0.0000, 0.0000,
0.0000

65.8858, 0.3281,
0.3518

65.8858, 0.3281,
0.3518

64.0189, 0.3438,
0.3748

67.9098, 0.3130,
0.3295

62.2945, 0.3599,
0.3979

70.0881, 0.2989,
0.3082

60.7090, 0.3759,
0.4202

72.2644, 0.2873,
0.2909

59.2554, 0.3910,
0.4409

73.2909, 0.2874,
0.2930

■ 57.9260, 0.4048,
0.4590

■ 74.3294, 0.2875,
0.2951

■ 56.7123, 0.4166,
0.4735

■ 75.3799, 0.2876,
0.2972

■ 55.6045, 0.4258,
0.4838

■ 76.4426, 0.2876,
0.2993

■ 54.5911, 0.4323,
0.4896

■ 77.5175, 0.2877,
0.3014

■ 53.6709, 0.4364,
0.4917

■ 78.6046, 0.2878,
0.3035

Harmonies

Analogous

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



65.8858, 0.3364, 0.3475



65.8858, 0.3281, 0.3518



65.8858, 0.3158, 0.3498

Triad

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



65.8858, 0.3281, 0.3518



65.8858, 0.2878, 0.3188



65.8858, 0.3224, 0.3166

Complementary

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



65.8858, 0.3281, 0.3518



55.2930, 0.2968, 0.3051

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.



65.8858, 0.3093, 0.3093



65.8858, 0.3281, 0.3518



65.8858, 0.2895, 0.3103

Square

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



65.8858, 0.3281, 0.3518



65.8858, 0.2926, 0.3304



65.8858, 0.2972, 0.3069



65.8858, 0.3332, 0.3272

Rectangle

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



65.8858, 0.3281, 0.3518



65.8858, 0.3070, 0.3451



65.8858, 0.2972, 0.3069



65.8858, 0.3181, 0.3137

Sweetspot

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



65.8887, 0.3281, 0.3518



99.0735, 0.3172, 0.3357



56.5524, 0.3290, 0.3265



21.1536, 0.3184, 0.3375



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.



65.8887, 0.3281, 0.3518



96.4192, 0.3310, 0.3561



65.6061, 0.3212, 0.3545



14.3176, 0.3269, 0.3500



32.1831, 0.4361, 0.4919



1.9989, 0.4329, 0.4945

Inverse Universe

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



55.2930, 0.2968, 0.3051



78.1710, 0.2937, 0.3003



55.5924, 0.3036, 0.3032



12.1886, 0.2981, 0.3071



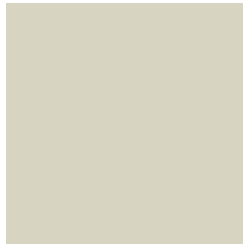
3.2920, 0.1518, 0.0665



0.2627, 0.1569, 0.0849

Previews

White Background



This preview shows how the Yxy color 65.8858, 0.3281, 0.3518 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 65.8858, 0.3281, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

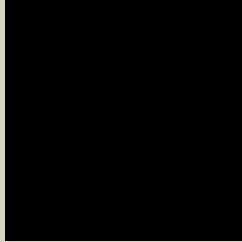
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

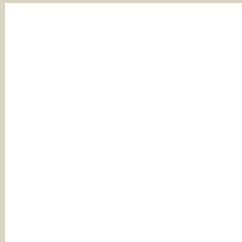
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8858, 0.3281, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 65.8858, 0.3281, 0.3518.



This preview shows how white text looks on a background with the Yxy color 65.8858, 0.3281, 0.3518.

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

65.8858, 0.3281, 0.3518

Protanopia

65.6099, 0.3330, 0.3505

Deuteranopia

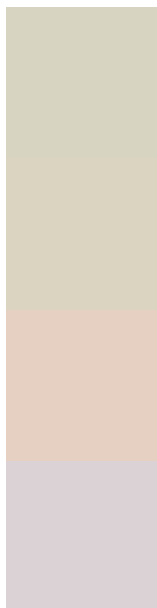
65.9535, 0.3467, 0.3399



Tritanopia

65.7636, 0.3099, 0.3104

Trichromacy



Original Color

65.8858, 0.3281, 0.3518

Protanomaly

65.7982, 0.3313, 0.3517

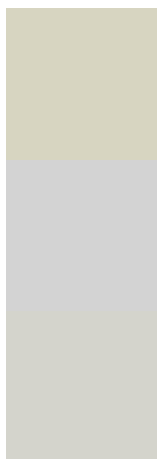
Deuteranomaly

65.8298, 0.3398, 0.3445

Tritanomaly

65.8027, 0.3166, 0.3257

Monochromacy



Original Color

65.8858, 0.3281, 0.3518

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4436, 0.3182, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8858, 0.3281, 0.3518 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, 213, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 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(215, 213, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 193) }
```

Border

The CSS property to change the border of an element to Yxy 65.8858, 0.3281, 0.3518 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, 213, 193) }
```

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

```
.border{ border-color:rgb(215, 213, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8858, 0.3281, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 193) }
```

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

```
.background{ background-color: rgb(215,  
213, 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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