

Converting Colors

Yxy(63.3081, 0.3209, 0.3414)

Have a look what the booklet for
Yxy(63.3081, 0.3209, 0.3414)
contains.

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Color

Yxy(63.3798, 0.3212, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1C6
RGB	210, 209, 198
RGB Percent	82%, 82%, 78%
CMY	0.1764, 0.1804, 0.2235
CMYK	0.00, 0.00, 0.06, 0.18
HSL	55°, 12%, 80%
HSV	55°, 6%, 82%
XYZ	59.5774, 63.3798, 62.5266
YIQ	208.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

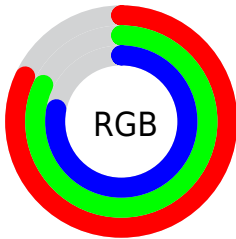
Format	Color
RYB	199, 210, 198
Decimal	13816262
CIELab	83.64, -1.58, 5.56
CIELCh	84, 5.779, 105.889
Yxy	63.3798, 0.3212, 0.3417
Android (android.graphics.Color)	4292006342 (0xFFD2D1C6)
YUV	208.0450, -4.9522, 1.7145
Hunter-Lab	79.6114, -5.7392, 9.1618

Details

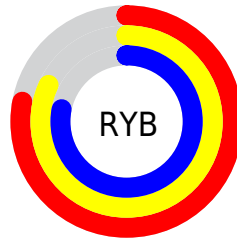
The Yxy color **63.3798, 0.3212, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5260, 0.3041, 0.3160**, and the grayscale version is **63.1417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5242, 0.3239, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **61.6053, 0.3366, 0.3646**, and if you desaturate by 10%, it is **65.3041, 0.3066, 0.3197**.

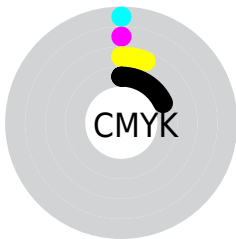
Distribution



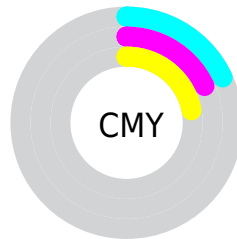
- Red (82%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3798, 0.3212, 0.3417 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 63.3798, 0.3212, 0.3417 by changing the saturation by 10% instead.

■ 63.3798, 0.3212,
0.3417

■ 63.3798, 0.3212,
0.3417

436.9465, 0.3172,
0.3357

■ 46.1485, 0.3221,
0.3431

109.7173, 0.3198,
0.3396

■ 32.3630, 0.3233,
0.3449

139.5922, 0.3192,
0.3387

■ 21.6390, 0.3248,
0.3472

174.4506, 0.3188,
0.3380

■ 13.5918, 0.3268,
0.3503

214.6767, 0.3184,
0.3374

■ 7.8373, 0.3297,
0.3546

260.6549, 0.3180,
0.3369

■ 3.9910, 0.3339,
0.3612

312.7697, 0.3177,

■ 1.6686, 0.3408,

0.3364

0.3722

371.4055, 0.3174,
0.3360

0.4032, 0.4317,
0.5051

0.0000, 0.0000,
0.0000

63.3798, 0.3212,
0.3417

63.3798, 0.3212,
0.3417

61.6053, 0.3366,
0.3646

65.3041, 0.3066,
0.3197

59.9668, 0.3525,
0.3878

67.3752, 0.2929,
0.2990

58.4611, 0.3685,
0.4106

69.2068, 0.2838,
0.2856

57.0819, 0.3840,
0.4323

70.1208, 0.2839,
0.2876

■ 55.8223, 0.3983,
0.4517

■ 71.0447, 0.2840,
0.2895

■ 54.6745, 0.4109,
0.4680

■ 71.9787, 0.2841,
0.2915

■ 53.6301, 0.4211,
0.4803

■ 72.9228, 0.2842,
0.2934

■ 52.6789, 0.4287,
0.4882

■ 73.8770, 0.2843,
0.2954

■ 51.8086, 0.4336,
0.4918

■ 74.8413, 0.2844,
0.2973

Harmonies

Analogous

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



63.3798, 0.3259, 0.3395



63.3798, 0.3212, 0.3417



63.3798, 0.3143, 0.3404

Triad

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



63.3798, 0.3212, 0.3417



63.3798, 0.2987, 0.3232



63.3798, 0.3184, 0.3222

Complementary

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



63.3798, 0.3212, 0.3417



57.5260, 0.3041, 0.3160

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.



63.3798, 0.3110, 0.3179



63.3798, 0.3212, 0.3417



63.3798, 0.2997, 0.3185

Square

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



63.3798, 0.3212, 0.3417



63.3798, 0.3013, 0.3297



63.3798, 0.3042, 0.3166



63.3798, 0.3242, 0.3282

Rectangle

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



63.3798, 0.3212, 0.3417



63.3798, 0.3094, 0.3378



63.3798, 0.3042, 0.3166



63.3798, 0.3160, 0.3205

Sweetspot

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



63.3826, 0.3212, 0.3417



99.3986, 0.3157, 0.3335



58.2326, 0.3213, 0.3276



21.2817, 0.3155, 0.3332



0.0000, 0.0000, 0.0000



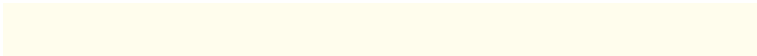
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3826, 0.3212, 0.3417



97.9355, 0.3233, 0.3448



63.1922, 0.3175, 0.3430



13.6918, 0.3239, 0.3458



31.4503, 0.4350, 0.4928



1.8104, 0.4318, 0.4954

Inverse Universe

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



57.5260, 0.3041, 0.3160



86.7919, 0.3019, 0.3127



57.7192, 0.3078, 0.3149



12.0384, 0.3012, 0.3116



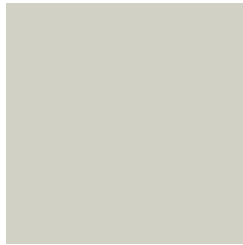
3.1621, 0.1517, 0.0661



0.2343, 0.1568, 0.0845

Previews

White Background



This preview shows how the Yxy color 63.3798, 0.3212, 0.3417 looks on a white background.

Color Contrast Check

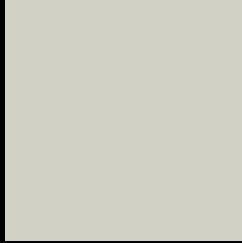
Large Text (above 18pt) WCAG AA × Fail

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 63.3798, 0.3212, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

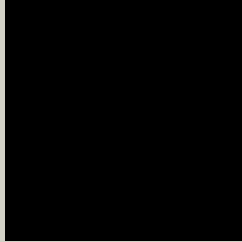
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

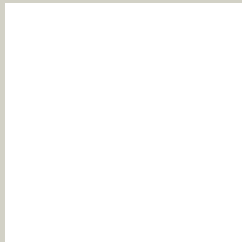
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3798, 0.3212, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 63.3798, 0.3212, 0.3417.



This preview shows how white text looks on a background with the Yxy color 63.3798, 0.3212, 0.3417.

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

63.3798, 0.3212, 0.3417

Protanopia

63.5900, 0.3259, 0.3416

Deuteranopia

63.0992, 0.3380, 0.3302



Tritanopia

63.2327, 0.3076, 0.3100

Trichromacy



Original Color

63.3798, 0.3212, 0.3417

Protanomaly

63.2891, 0.3243, 0.3417

Deuteranomaly

63.1565, 0.3319, 0.3347

Tritanomaly

63.0928, 0.3131, 0.3211

Monochromacy



Original Color

63.3798, 0.3212, 0.3417

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0267, 0.3163, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3798, 0.3212, 0.3417 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(210, 209, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 198)  
}
```

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(210, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.3798, 0.3212, 0.3417 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(210, 209, 198) }
```

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

```
.border{ border-color:rgb(210, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3798, 0.3212, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 198) }
```

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

```
.background{ background-color: rgb(210,  
209, 198) }
```

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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