

Converting Colors

Yxy(63.6147, 0.3220, 0.3435)

Have a look what the booklet for
Yxy(63.6147, 0.3220, 0.3435)
contains.

Yxy(63.8260, 0.3218, 0.3440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.8260, 0.3218, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	D2D2C5
RGB	210, 210, 197
RGB Percent	82%, 82%, 77%
CMY	0.1764, 0.1765, 0.2274
CMYK	0.00, 0.00, 0.06, 0.18
HSL	60°, 13%, 80%
HSV	60°, 6%, 82%
XYZ	59.7070, 63.8260, 62.0077
YIQ	208.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

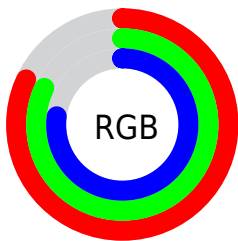
Format	Color
RYB	197, 210, 197
Decimal	13816517
CIELab	83.88, -2.28, 6.42
CIELCh	84, 6.813, 109.528
Yxy	63.8260, 0.3218, 0.3440
Android (android.graphics.Color)	4292006597 (0xFFD2D2C5)
YUV	208.5180, -5.6784, 1.2997
Hunter-Lab	79.8912, -6.4069, 9.9058

Details

The Yxy color **63.8260, 0.3218, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4742, 0.3034, 0.3135**, and the grayscale version is **63.4691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.8280, 0.3247, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **62.9226, 0.3369, 0.3689**, and if you desaturate by 10%, it is **64.8691, 0.3072, 0.3200**.

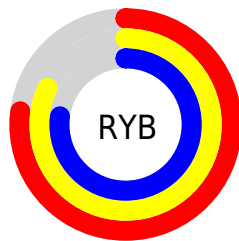
Distribution



Red (82%)

Green (82%)

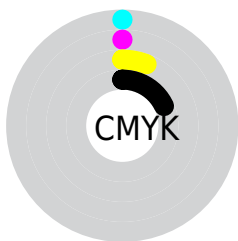
Blue (77%)



Red (77%)

Yellow (82%)

Blue (77%)

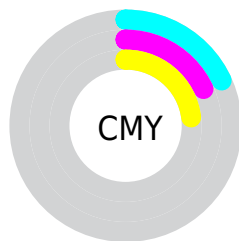


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8260, 0.3218, 0.3440 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 63.8260, 0.3218, 0.3440 by changing the saturation by 10% instead.

■ 63.8260, 0.3218,
0.3440

■ 63.8260, 0.3218,
0.3440

438.5610, 0.3175,
0.3369

■ 46.5098, 0.3228,
0.3457

110.3603, 0.3203,
0.3415

■ 32.6483, 0.3241,
0.3478

140.3472, 0.3197,
0.3405

■ 21.8571, 0.3257,
0.3505

175.3264, 0.3192,
0.3397

■ 13.7520, 0.3278,
0.3542

215.6823, 0.3188,
0.3390

■ 7.9484, 0.3308,
0.3593

261.7993, 0.3184,
0.3383

■ 4.0619, 0.3352,
0.3670

314.0618, 0.3181,

■ 1.7083, 0.3424,

0.3378

372.8543, 0.3178,
0.3373

0.3801

0.4290, 0.4406,
0.5367

0.0000, 0.0000,
0.0000

63.8260, 0.3218,
0.3440

63.8260, 0.3218,
0.3440

62.9226, 0.3369,
0.3689

64.8691, 0.3072,
0.3200

62.1450, 0.3520,
0.3939


66.0487, 0.2934,
0.2972


61.4902, 0.3668,
0.4183


67.0447, 0.2836,
0.2809


60.9517, 0.3806,
0.4412


67.0541, 0.2836,
0.2809


 60.5227, 0.3930,
0.4615


 67.0635, 0.2836,
0.2809


 60.1955, 0.4032,
0.4783


 67.0728, 0.2836,
0.2809


 59.9614, 0.4110,
0.4912

 67.0822, 0.2836,
0.2809

 59.8104, 0.4161,
0.4996

 67.0916, 0.2836,
0.2810

 59.7299, 0.4188,
0.5040

 67.1010, 0.2836,
0.2810

Harmonies

Analogous

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



63.8260, 0.3277, 0.3418



63.8260, 0.3218, 0.3440



63.8260, 0.3135, 0.3420

Triad

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



63.8260, 0.3218, 0.3440



63.8260, 0.2961, 0.3214



63.8260, 0.3203, 0.3217

Complementary

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



63.8260, 0.3218, 0.3440



56.4742, 0.3034, 0.3135

Split Complementary

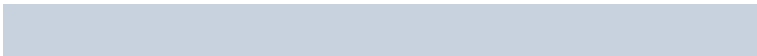
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.8260, 0.3118, 0.3164



63.8260, 0.3218, 0.3440



63.8260, 0.2979, 0.3161

Square

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



63.8260, 0.3218, 0.3440



63.8260, 0.2988, 0.3288



63.8260, 0.3036, 0.3144



63.8260, 0.3269, 0.3290

Rectangle

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



63.8260, 0.3218, 0.3440



63.8260, 0.3078, 0.3386



63.8260, 0.3036, 0.3144



63.8260, 0.3176, 0.3197

Sweetspot

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



63.8288, 0.3218, 0.3440



99.6729, 0.3157, 0.3339



57.6875, 0.3229, 0.3288



21.3375, 0.3155, 0.3336



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.



63.8288, 0.3218, 0.3440



98.8929, 0.3231, 0.3462



62.9309, 0.3170, 0.3442



13.8342, 0.3238, 0.3473



36.4177, 0.4195, 0.5051



2.0369, 0.4194, 0.5052

Inverse Universe

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



56.4742, 0.3034, 0.3135



85.9150, 0.3019, 0.3112



57.3344, 0.3082, 0.3138



11.9087, 0.3012, 0.3100



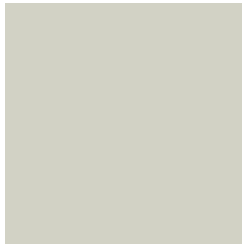
2.8417, 0.1500, 0.0601



0.1595, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 63.8260, 0.3218, 0.3440 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 63.8260, 0.3218, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

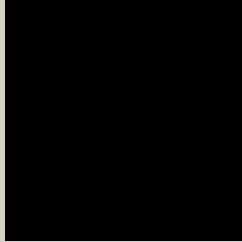
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

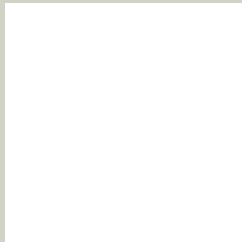
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8260, 0.3218, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 63.8260, 0.3218, 0.3440.



This preview shows how white text looks on a background with the Yxy color 63.8260, 0.3218, 0.3440.

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

63.8260, 0.3218, 0.3440

Protanopia

63.6962, 0.3274, 0.3427

Deuteranopia

63.6882, 0.3394, 0.3324



Tritanopia

63.7127, 0.3076, 0.3111

Trichromacy



Original Color

63.8260, 0.3218, 0.3440

Protanomaly

63.8826, 0.3257, 0.3439

Deuteranomaly

63.7474, 0.3333, 0.3369

Tritanomaly

63.5759, 0.3130, 0.3222

Monochromacy



Original Color

63.8260, 0.3218, 0.3440

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5640, 0.3155, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8260, 0.3218, 0.3440 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, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 197)  
}
```

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, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.8260, 0.3218, 0.3440 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, 210, 197) }
```

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

```
.border{ border-color:rgb(210, 210, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8260, 0.3218, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 197) }
```

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

```
.background{ background-color: rgb(210,  
210, 197) }
```

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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