

Converting Colors

Yxy(61.7123, 0.3222, 0.3360)

Have a look what the booklet for
Yxy(61.7123, 0.3222, 0.3360)
contains.

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Color

Yxy(61.7832, 0.3224, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC7
RGB	212, 205, 199
RGB Percent	83%, 80%, 78%
CMY	0.1685, 0.1961, 0.2195
CMYK	0.00, 0.03, 0.06, 0.17
HSL	28°, 13%, 81%
HSV	28°, 6%, 83%
XYZ	59.3001, 61.7832, 62.8500
YIQ	206.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

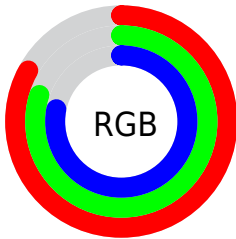
Format	Color
R _Y B	212, 210, 199
Decimal	13946311
CIE Lab	82.80, 1.39, 3.82
CIE LCh	83, 4.062, 69.985
Yxy	61.7832, 0.3224, 0.3359
Android (android.graphics.Color)	4292136391 (0xFFD4CDC7)
YUV	206.4090, -3.6526, 4.9033
Hunter-Lab	78.6023, -2.8879, 7.6136

Details

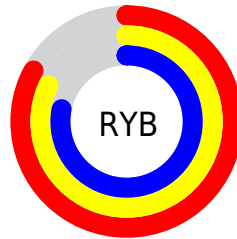
The Yxy color **61.7832, 0.3224, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0751, 0.3033, 0.3220**, and the grayscale version is **62.0229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3456, 0.3246, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **55.5783, 0.3401, 0.3477**, and if you desaturate by 10%, it is **68.5334, 0.3070, 0.3248**.

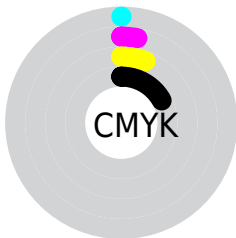
Distribution



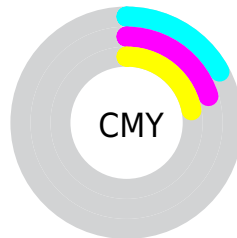
- Red (83%)
- Green (80%)
- Blue (78%)



- Red (83%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7832, 0.3224, 0.3359 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 61.7832, 0.3224, 0.3359 by changing the saturation by 10% instead.

■ 61.7832, 0.3224,
0.3359

■ 61.7832, 0.3224,
0.3359

431.1398, 0.3178,
0.3326

■ 44.8575, 0.3235,
0.3367

107.4121, 0.3208,
0.3347

■ 31.3452, 0.3249,
0.3376

136.8842, 0.3201,
0.3343

■ 20.8619, 0.3266,
0.3389

171.3072, 0.3196,
0.3339

■ 13.0231, 0.3290,
0.3405

211.0655, 0.3191,
0.3336

■ 7.4444, 0.3324,
0.3429

256.5435, 0.3187,
0.3333

■ 3.7416, 0.3375,
0.3463

308.1257, 0.3184,

■ 1.5301, 0.3461,

0.3331

366.1963, 0.3181,
0.3328

0.3522

0.3098, 0.4634,
0.4372

0.0000, 0.0000,
0.0000

61.7832, 0.3224,
0.3359

61.7832, 0.3224,
0.3359

55.5783, 0.3401,
0.3477

68.5334, 0.3070,
0.3248

49.8964, 0.3605,
0.3601

75.8345, 0.2937,
0.3145

44.7253, 0.3835,
0.3725

83.2003, 0.2864,
0.3127

40.0493, 0.4093,
0.3846

90.1501, 0.2870,
0.3247

■ 35.8518, 0.4373,
0.3952

■ 92.7414, 0.2872,
0.3289

■ 32.1151, 0.4667,
0.4034

■ 28.8199, 0.4959,
0.4078

■ 25.9451, 0.5230,
0.4073

■ 23.4663, 0.5460,
0.4013

Harmonies

Analogous

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



61.7832, 0.3226, 0.3321



61.7832, 0.3224, 0.3359



61.7832, 0.3196, 0.3379

Triad

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



61.7832, 0.3224, 0.3359



61.7832, 0.3053, 0.3304



61.7832, 0.3105, 0.3208

Complementary

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



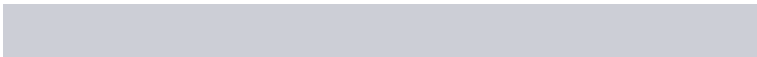
61.7832, 0.3224, 0.3359



61.0751, 0.3033, 0.3220

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.



61.7832, 0.3059, 0.3203



61.7832, 0.3224, 0.3359



61.7832, 0.3029, 0.3258

Square

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



61.7832, 0.3224, 0.3359



61.7832, 0.3097, 0.3347



61.7832, 0.3031, 0.3221



61.7832, 0.3157, 0.3234

Rectangle

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



61.7832, 0.3224, 0.3359



61.7832, 0.3166, 0.3379



61.7832, 0.3031, 0.3221



61.7832, 0.3088, 0.3203

Sweetspot

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



61.7859, 0.3224, 0.3359



97.9274, 0.3158, 0.3312



59.3269, 0.3177, 0.3208



20.9823, 0.3157, 0.3311



0.0000, 0.0000, 0.0000



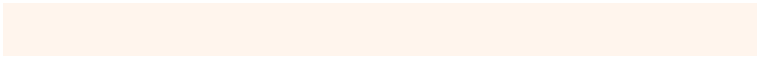
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7859, 0.3224, 0.3359



92.8935, 0.3240, 0.3370



64.9034, 0.3218, 0.3432



13.6179, 0.3248, 0.3375



14.1445, 0.5519, 0.4000



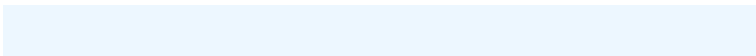
1.0176, 0.5232, 0.4228

Inverse Universe

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



61.0751, 0.3033, 0.3220



91.6561, 0.3019, 0.3209



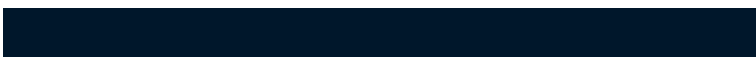
58.0615, 0.3034, 0.3144



13.4242, 0.3012, 0.3203



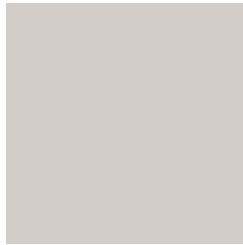
10.6699, 0.1813, 0.1727



0.8083, 0.1895, 0.2020

Previews

White Background



This preview shows how the Yxy color 61.7832, 0.3224, 0.3359 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 61.7832, 0.3224, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

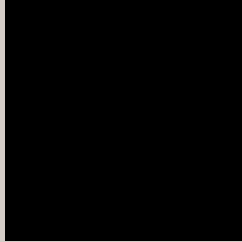
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

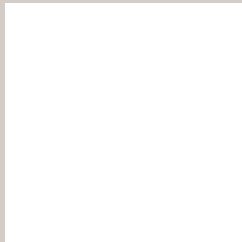
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7832, 0.3224, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 61.7832, 0.3224, 0.3359.

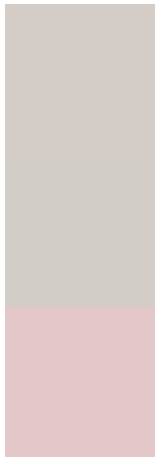


This preview shows how white text looks on a background with the Yxy color 61.7832, 0.3224, 0.3359.

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

61.7832, 0.3224, 0.3359

Protanopia

61.6350, 0.3216, 0.3360

Deuteranopia

61.5110, 0.3351, 0.3280



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.7832, 0.3224, 0.3359

Protanomaly

61.6350, 0.3216, 0.3360

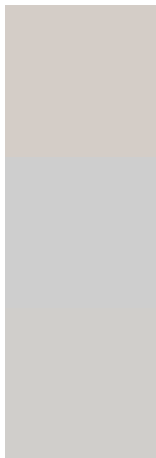
Deuteranomaly

61.4730, 0.3300, 0.3302

Tritanomaly

61.7112, 0.3154, 0.3199

Monochromacy



Original Color

61.7832, 0.3224, 0.3359

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8643, 0.3164, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7832, 0.3224, 0.3359 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(212, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 199)  
}
```

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(212, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.7832, 0.3224, 0.3359 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(212, 205, 199) }
```

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

```
.border{ border-color:rgb(212, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7832, 0.3224, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 199) }
```

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

```
.background{ background-color: rgb(212,  
205, 199) }
```

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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