

Converting Colors

Yxy(62.7517, 0.3275, 0.3399)

Have a look what the booklet for
Yxy(62.7517, 0.3275, 0.3399)
contains.

| | |
|---|----|
| Yxy(62.7271, 0.3276, 0.3405) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(62.7271, 0.3276, 0.3405)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D8CEC4 |
| RGB | 216, 206, 196 |
| RGB Percent | 85%, 81%, 77% |
| CMY | 0.1530, 0.1921, 0.2314 |
| CMYK | 0.00, 0.05, 0.09, 0.15 |
| HSL | 30°, 20%, 81% |
| HSV | 30°, 9%, 85% |
| XYZ | 60.3507, 62.7271, 61.1428 |
| YIQ | 207.8500, 9.1700, -0.9900 |

Conversions

Conversions Part 2

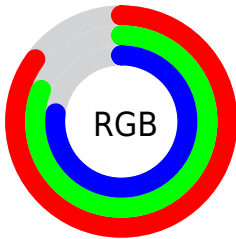
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 216, 216, 196 |
| Decimal | 14208708 |
| CIE Lab | 83.30, 1.74, 6.20 |
| CIE LCh | 83, 6.441, 74.320 |
| Yxy | 62.7271, 0.3276, 0.3405 |
| Android (android.graphics.Color) | 4292398788 (0xFFD8CEC4) |
| YUV | 207.8500, -5.8420, 7.1476 |
| Hunter-Lab | 79.2004, -2.5840, 9.6684 |

Details

The Yxy color **62.7271, 0.3276, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8192, 0.2984, 0.3172**, and the grayscale version is **63.0088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.9865, 0.3315, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **56.8030, 0.3459, 0.3536**, and if you desaturate by 10%, it is **69.1541, 0.3116, 0.3281**.

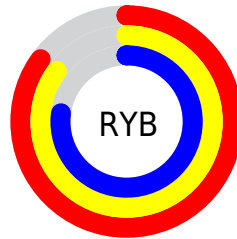
Distribution



Red (85%)

Green (81%)

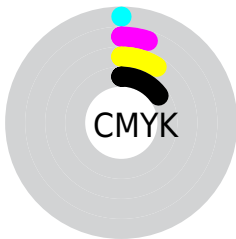
Blue (77%)



Red (85%)

Yellow (85%)

Blue (77%)

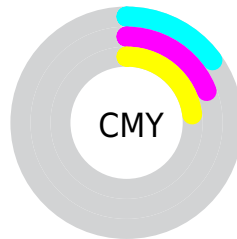


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7271, 0.3276, 0.3405 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 62.7271, 0.3276, 0.3405 by changing the saturation by 10% instead.

■ 62.7271, 0.3276,
0.3405

■ 62.7271, 0.3276,
0.3405

434.5784, 0.3205,
0.3351

■ 45.6205, 0.3293,
0.3418

108.7757, 0.3251,
0.3386

■ 31.9464, 0.3314,
0.3434

138.4865, 0.3241,
0.3379

■ 21.3206, 0.3341,
0.3454

173.1674, 0.3233,
0.3372

■ 13.3585, 0.3377,
0.3481

213.2029, 0.3226,
0.3367

■ 7.6759, 0.3428,
0.3519

258.9774, 0.3220,
0.3362

■ 3.8883, 0.3505,
0.3576

310.8752, 0.3214,

■ 1.6113, 0.3634,

0.3358

0.3669

369.2807, 0.3209,
0.3354

0.3652, 0.5162,
0.4838

0.0000, 0.0000,
0.0000

62.7271, 0.3276,
0.3405

62.7271, 0.3276,
0.3405

56.8030, 0.3459,
0.3536

69.1541, 0.3116,
0.3281

51.3606, 0.3666,
0.3671

76.0884, 0.2977,
0.3166

46.3888, 0.3897,
0.3806

83.1665, 0.2888,
0.3117

41.8730, 0.4151,
0.3934

89.6435, 0.2892,
0.3229

■ 37.7979, 0.4421,
0.4044

■ 93.3376, 0.2894,
0.3289

■ 34.1469, 0.4697,
0.4124

■ 30.9017, 0.4963,
0.4163

■ 28.0423, 0.5203,
0.4149

■ 25.5406, 0.5405,
0.4085

Harmonies

Analogous

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



62.7271, 0.3286, 0.3348



62.7271, 0.3276, 0.3405



62.7271, 0.3226, 0.3432

Triad

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



62.7271, 0.3276, 0.3405



62.7271, 0.3003, 0.3301



62.7271, 0.3104, 0.3165

Complementary

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



62.7271, 0.3276, 0.3405



60.8192, 0.2984, 0.3172

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.



62.7271, 0.3029, 0.3151



62.7271, 0.3276, 0.3405



62.7271, 0.2971, 0.3229

Square

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



62.7271, 0.3276, 0.3405



62.7271, 0.3068, 0.3372



62.7271, 0.2980, 0.3174



62.7271, 0.3186, 0.3211

Rectangle

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



62.7271, 0.3276, 0.3405



62.7271, 0.3176, 0.3428



62.7271, 0.2980, 0.3174



62.7271, 0.3077, 0.3156

Sweetspot

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



62.7299, 0.3276, 0.3405



97.1056, 0.3174, 0.3327



58.5275, 0.3212, 0.3176



20.6215, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



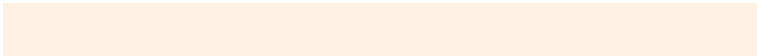
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7299, 0.3276, 0.3405



89.7159, 0.3308, 0.3429



67.6899, 0.3264, 0.3516



13.4386, 0.3279, 0.3407



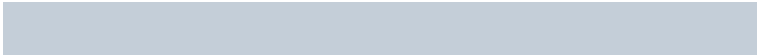
15.2327, 0.5396, 0.4098



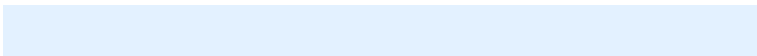
1.0843, 0.5133, 0.4306

Inverse Universe

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



60.8192, 0.2984, 0.3172



86.4217, 0.2955, 0.3147



56.1656, 0.2984, 0.3053



13.0222, 0.2982, 0.3170



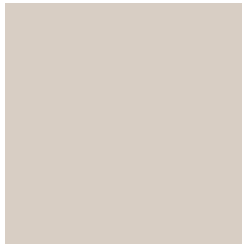
9.4713, 0.1773, 0.1584



0.7368, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 62.7271, 0.3276, 0.3405 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 62.7271, 0.3276, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

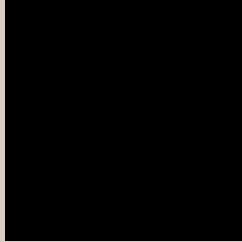
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

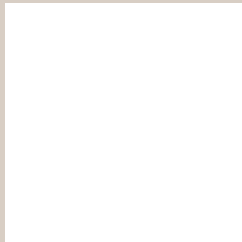
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7271, 0.3276, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 62.7271, 0.3276, 0.3405.

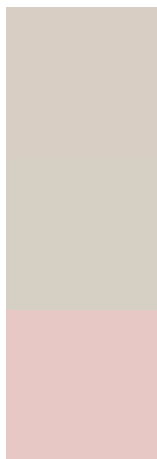


This preview shows how white text looks on a background with the Yxy color 62.7271, 0.3276, 0.3405.

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

62.7271, 0.3276, 0.3405

Protanopia

62.9073, 0.3259, 0.3417

Deuteranopia

62.3287, 0.3396, 0.3324



Tritanopia

62.8864, 0.3135, 0.3112

Trichromacy



Original Color

62.7271, 0.3276, 0.3405

Protanomaly

63.0582, 0.3267, 0.3416

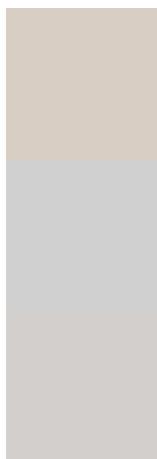
Deuteranomaly

62.4410, 0.3353, 0.3347

Tritanomaly

62.7943, 0.3184, 0.3212

Monochromacy



Original Color

62.7271, 0.3276, 0.3405

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8342, 0.3179, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7271, 0.3276, 0.3405 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(216, 206, 196) looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 196)  
}
```

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(216, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 196) }
```

Border

The CSS property to change the border of an element to Yxy 62.7271, 0.3276, 0.3405 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(216, 206, 196) }
```

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

```
.border{ border-color:rgb(216, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7271, 0.3276, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 196) }
```

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

```
.background{ background-color: rgb(216,  
206, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor