

Converting Colors

Yxy(61.9246, 0.3299, 0.3390)

Have a look what the booklet for
Yxy(61.9246, 0.3299, 0.3390)
contains.

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Color

Yxy(62.0313, 0.3302, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	DACCC3
RGB	218, 204, 195
RGB Percent	85%, 80%, 76%
CMY	0.1449, 0.2000, 0.2353
CMYK	0.00, 0.06, 0.11, 0.14
HSL	23°, 24%, 81%
HSV	23°, 11%, 86%
XYZ	60.3676, 62.0313, 60.4225
YIQ	207.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

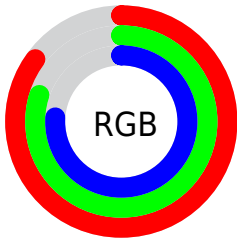
Format	Color
RYB	218, 210, 195
Decimal	14339267
CIELab	82.93, 3.37, 6.22
CIElCh	83, 7.071, 61.541
Yxy	62.0313, 0.3302, 0.3393
Android (android.graphics.Color)	4292529347 (0xFFDACCC3)
YUV	207.1600, -5.9949, 9.5067
Hunter-Lab	78.7600, -1.0139, 9.6463

Details

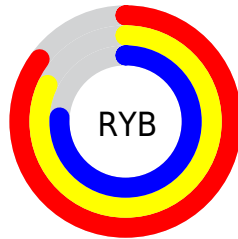
The Yxy color **62.0313, 0.3302, 0.3393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2993, 0.2964, 0.3185**, and the grayscale version is **62.5445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.5223, 0.3350, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **55.0628, 0.3496, 0.3497**, and if you desaturate by 10%, it is **69.6894, 0.3136, 0.3295**.

Distribution



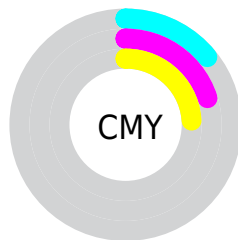
- Red (85%)
- Green (80%)
- Blue (76%)



- Red (85%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0313, 0.3302, 0.3393 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 62.0313, 0.3302, 0.3393 by changing the saturation by 10% instead.

■ 62.0313, 0.3302,
0.3393

■ 62.0313, 0.3302,
0.3393

432.0453, 0.3218,
0.3344

■ 45.0580, 0.3322,
0.3404

107.7708, 0.3272,
0.3376

■ 31.5031, 0.3347,
0.3418

137.3057, 0.3261,
0.3369

■ 20.9822, 0.3379,
0.3437

171.7967, 0.3251,
0.3364

■ 13.1110, 0.3422,
0.3461

211.6280, 0.3243,
0.3359

■ 7.5050, 0.3483,
0.3494

257.1841, 0.3236,
0.3355

■ 3.7799, 0.3575,
0.3543

308.8495, 0.3229,

■ 1.5512, 0.3731,

0.3351

367.0084, 0.3224,
0.3347

0.3623

0.3244, 0.5463,
0.4537

0.0000, 0.0000,
0.0000

62.0313, 0.3302,
0.3393

62.0313, 0.3302,
0.3393

55.0628, 0.3496,
0.3497

69.6894, 0.3136,
0.3295

48.7562, 0.3721,
0.3603

78.0479, 0.2994,
0.3205

43.0934, 0.3979,
0.3710

86.7734, 0.2902,
0.3176

38.0527, 0.4268,
0.3808

93.6531, 0.2906,
0.3289

■ 33.6110, 0.4584,
0.3889

■ 29.7434, 0.4913,
0.3940

■ 26.4230, 0.5233,
0.3948

■ 23.6198, 0.5519,
0.3904

■ 21.4131, 0.5743,
0.3822

Harmonies

Analogous

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



62.0313, 0.3293, 0.3321



62.0313, 0.3302, 0.3393



62.0313, 0.3264, 0.3439

Triad

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



62.0313, 0.3302, 0.3393



62.0313, 0.3017, 0.3337



62.0313, 0.3064, 0.3141

Complementary

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



62.0313, 0.3302, 0.3393



62.2993, 0.2964, 0.3185

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.



62.0313, 0.2991, 0.3143



62.0313, 0.3302, 0.3393



62.0313, 0.2965, 0.3255

Square

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



62.0313, 0.3302, 0.3393



62.0313, 0.3099, 0.3407



62.0313, 0.2955, 0.3184



62.0313, 0.3154, 0.3177

Rectangle

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



62.0313, 0.3302, 0.3393



62.0313, 0.3217, 0.3447



62.0313, 0.2955, 0.3184



62.0313, 0.3037, 0.3137

Sweetspot

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



62.0340, 0.3302, 0.3393



96.5753, 0.3174, 0.3319



58.5590, 0.3205, 0.3129



20.4785, 0.3187, 0.3327



0.0000, 0.0000, 0.0000



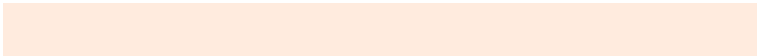
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0340, 0.3302, 0.3393



85.8140, 0.3349, 0.3419



67.6382, 0.3287, 0.3520



13.8800, 0.3282, 0.3382



13.0171, 0.5717, 0.3843



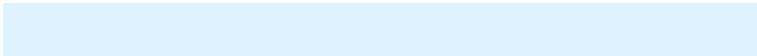
1.0078, 0.5415, 0.4082

Inverse Universe

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



62.2993, 0.2964, 0.3185



86.2746, 0.2924, 0.3158



56.9147, 0.2962, 0.3049



13.9328, 0.2982, 0.3197



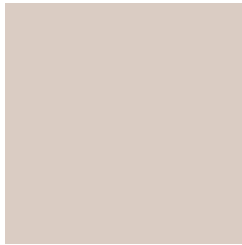
13.2975, 0.1879, 0.1966



1.0271, 0.1946, 0.2205

Previews

White Background



This preview shows how the Yxy color 62.0313, 0.3302, 0.3393 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 62.0313, 0.3302, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

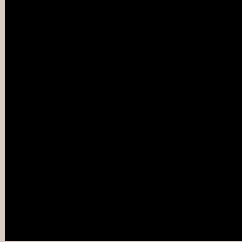
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0313, 0.3302, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 62.0313, 0.3302, 0.3393.



This preview shows how white text looks on a background with the Yxy color 62.0313, 0.3302, 0.3393.

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

62.0313, 0.3302, 0.3393

Protanopia

62.2743, 0.3253, 0.3406

Deuteranopia

61.6554, 0.3398, 0.3324



Tritanopia

62.1552, 0.3166, 0.3113

Trichromacy



Original Color

62.0313, 0.3302, 0.3393

Protanomaly

62.0952, 0.3269, 0.3394

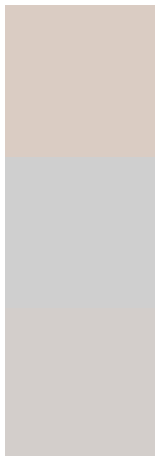
Deuteranomaly

61.9276, 0.3362, 0.3347

Tritanomaly

62.0602, 0.3216, 0.3212

Monochromacy



Original Color

62.0313, 0.3302, 0.3393

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3033, 0.3187, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0313, 0.3302, 0.3393 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(218, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 195)  
}
```

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(218, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.0313, 0.3302, 0.3393 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(218, 204, 195) }
```

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

```
.border{ border-color:rgb(218, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0313, 0.3302, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 195) }
```

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

```
.background{ background-color: rgb(218,  
204, 195) }
```

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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