

Converting Colors

Yxy(62.0430, 0.3243, 0.3403)

Have a look what the booklet for
Yxy(62.0430, 0.3243, 0.3403)
contains.

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Color

Yxy(62.1252, 0.3245, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	D4CEC4
RGB	212, 206, 196
RGB Percent	83%, 81%, 77%
CMY	0.1686, 0.1922, 0.2314
CMYK	0.00, 0.03, 0.08, 0.17
HSL	37°, 16%, 80%
HSV	37°, 8%, 83%
XYZ	59.1886, 62.1252, 61.0855
YIQ	206.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

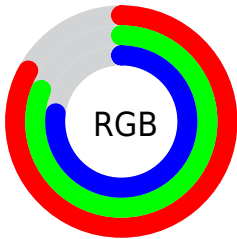
Format	Color
R _Y B	206, 212, 196
Decimal	13946564
CIE Lab	82.98, 0.34, 5.70
CIE LCh	83, 5.714, 86.609
Yxy	62.1252, 0.3245, 0.3406
Android (android.graphics.Color)	4292136644 (0xFFD4CEC4)
YUV	206.6540, -5.2524, 4.6884
Hunter-Lab	78.8195, -3.8918, 9.2236

Details

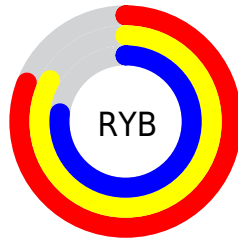
The Yxy color **62.1252, 0.3245, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7291, 0.3011, 0.3171**, and the grayscale version is **62.1961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.5776, 0.3273, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **57.4955, 0.3416, 0.3566**, and if you desaturate by 10%, it is **67.0907, 0.3091, 0.3254**.

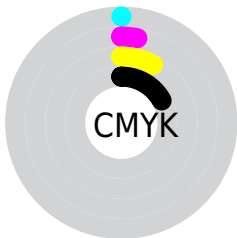
Distribution



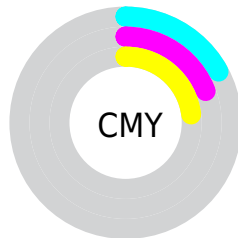
- Red (83%)
- Green (81%)
- Blue (77%)



- Red (81%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1252, 0.3245, 0.3406 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 62.1252, 0.3245, 0.3406 by changing the saturation by 10% instead.

■ 62.1252, 0.3245,
0.3406

■ 62.1252, 0.3245,
0.3406

432.3876, 0.3189,
0.3351

■ 45.1339, 0.3258,
0.3419

107.9065, 0.3225,
0.3387

■ 31.5629, 0.3275,
0.3435

137.4652, 0.3218,
0.3379

■ 21.0278, 0.3296,
0.3456

171.9818, 0.3211,
0.3373

■ 13.1444, 0.3325,
0.3484

211.8408, 0.3205,
0.3367

■ 7.5280, 0.3365,
0.3524

257.4264, 0.3201,
0.3362

■ 3.7945, 0.3426,
0.3583

309.1232, 0.3196,

■ 1.5593, 0.3529,

0.3358

0.3683

367.3155, 0.3192,
0.3354

0.3299, 0.4938,
0.5062

0.0000, 0.0000,
0.0000

62.1252, 0.3245,
0.3406

62.1252, 0.3245,
0.3406

57.4955, 0.3416,
0.3566

67.0907, 0.3091,
0.3254

53.1849, 0.3606,
0.3732

72.3919, 0.2955,
0.3111

49.1871, 0.3811,
0.3897

77.7403, 0.2859,
0.3026

45.4926, 0.4030,
0.4055

82.2666, 0.2863,
0.3110

■ 42.0912, 0.4255,
0.4196

■ 86.9975, 0.2867,
0.3194

■ 38.9717, 0.4477,
0.4309

■ 91.9357, 0.2871,
0.3276

■ 36.1220, 0.4686,
0.4381

■ 92.7398, 0.2872,
0.3289

■ 33.5282, 0.4871,
0.4405

■ 31.1722, 0.5022,
0.4377

Harmonies

Analogous

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



62.1252, 0.3270, 0.3365



62.1252, 0.3245, 0.3406



62.1252, 0.3189, 0.3416

Triad

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



62.1252, 0.3245, 0.3406



62.1252, 0.3000, 0.3273



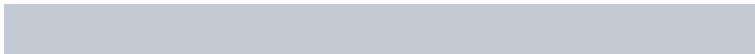
62.1252, 0.3137, 0.3192

Complementary

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



62.1252, 0.3245, 0.3406



58.7291, 0.3011, 0.3171

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.



62.1252, 0.3065, 0.3167



62.1252, 0.3245, 0.3406



62.1252, 0.2987, 0.3213

Square

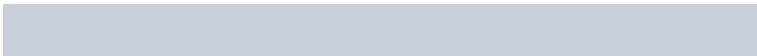
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.1252, 0.3245, 0.3406



62.1252, 0.3048, 0.3339



62.1252, 0.3010, 0.3175



62.1252, 0.3207, 0.3242

Rectangle

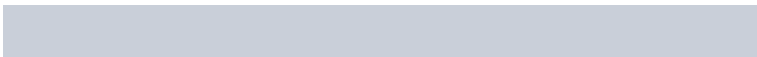
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1252, 0.3245, 0.3406



62.1252, 0.3141, 0.3403



62.1252, 0.3010, 0.3175



62.1252, 0.3112, 0.3180

Sweetspot

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



62.1279, 0.3245, 0.3406



98.4609, 0.3158, 0.3321



57.7426, 0.3209, 0.3219



21.0909, 0.3156, 0.3319



0.0000, 0.0000, 0.0000



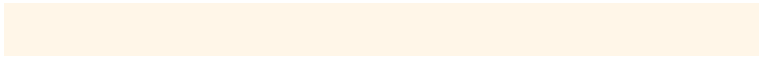
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1279, 0.3245, 0.3406



93.2371, 0.3270, 0.3430



64.8043, 0.3224, 0.3475



13.7004, 0.3276, 0.3435



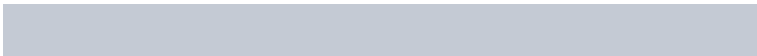
19.1026, 0.5041, 0.4379



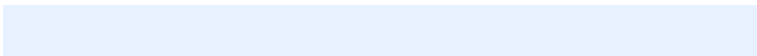
1.3089, 0.4857, 0.4525

Inverse Universe

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



58.7291, 0.3011, 0.3171



87.0946, 0.2987, 0.3146



56.2127, 0.3026, 0.3100



12.7646, 0.2982, 0.3140



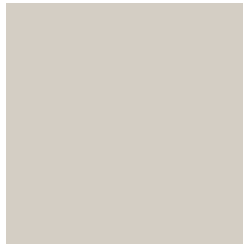
6.6136, 0.1667, 0.1202



0.5555, 0.1764, 0.1552

Previews

White Background



This preview shows how the Yxy color 62.1252, 0.3245, 0.3406 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 62.1252, 0.3245, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

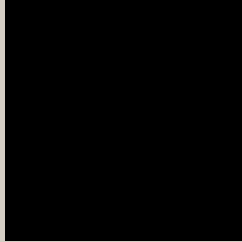
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

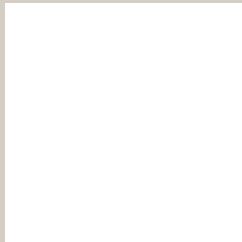
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1252, 0.3245, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 62.1252, 0.3245, 0.3406.

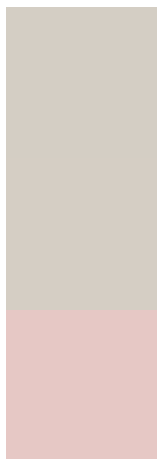


This preview shows how white text looks on a background with the Yxy color 62.1252, 0.3245, 0.3406.

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

62.1252, 0.3245, 0.3406

Protanopia

62.2743, 0.3253, 0.3406

Deuteranopia

62.1628, 0.3388, 0.3324



Tritanopia

62.2734, 0.3105, 0.3111

Trichromacy



Original Color

62.1252, 0.3245, 0.3406

Protanomaly

62.2743, 0.3253, 0.3406

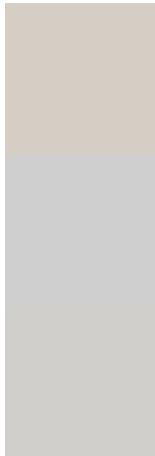
Deuteranomaly

61.9603, 0.3329, 0.3347

Tritanomaly

62.1850, 0.3154, 0.3211

Monochromacy



Original Color

62.1252, 0.3245, 0.3406

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4928, 0.3170, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1252, 0.3245, 0.3406 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, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 196) }
```

Border

The CSS property to change the border of an element to Yxy 62.1252, 0.3245, 0.3406 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, 206, 196) }
```

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

```
.border{ border-color:rgb(212, 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(212, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 206, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 206, 196); box-shadow:4px 4px 4px 4px rgb(212, 206, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1252, 0.3245, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 196) }
```

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

```
.background{ background-color: rgb(212,  
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](#).

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