

Converting Colors

Yxy(62.7583, 0.3194, 0.3396)

Have a look what the booklet for
Yxy(62.7583, 0.3194, 0.3396)
contains.

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Color

Yxy(62.6452, 0.3190, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	D0D0C7
RGB	208, 208, 199
RGB Percent	82%, 82%, 78%
CMY	0.1846, 0.1842, 0.2197
CMYK	0.00, 0.00, 0.04, 0.18
HSL	61°, 9%, 80%
HSV	61°, 4%, 82%
XYZ	58.8625, 62.6452, 63.0142
YIQ	206.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

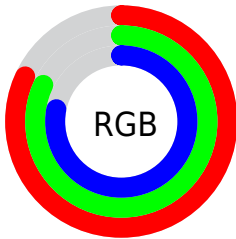
Format	Color
R _Y B	199, 208, 199
Decimal	13684935
CIE Lab	83.26, -1.63, 4.46
CIE LCh	83, 4.750, 110.126
Yxy	62.6452, 0.3190, 0.3395
Android (android.graphics.Color)	4291875015 (0xFFD0D0C7)
YUV	206.9740, -3.9312, 0.8998
Hunter-Lab	79.1487, -5.7607, 8.2004

Details

The Yxy color **62.6452, 0.3190, 0.3395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5495, 0.3063, 0.3183**, and the grayscale version is **62.3993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0256, 0.3211, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **61.7172, 0.3338, 0.3643**, and if you desaturate by 10%, it is **63.7107, 0.3047, 0.3157**.

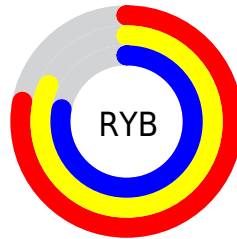
Distribution



Red (82%)

Green (82%)

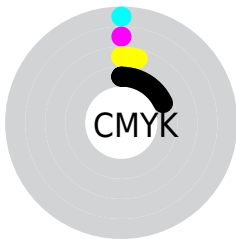
Blue (78%)



Red (78%)

Yellow (82%)

Blue (78%)

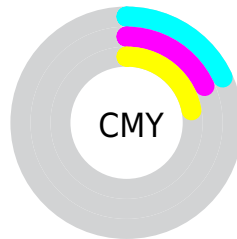


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6452, 0.3190, 0.3395 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 62.6452, 0.3190, 0.3395 by changing the saturation by 10% instead.

■ 62.6452, 0.3190,
0.3395

■ 62.6452, 0.3190,
0.3395

434.2807, 0.3160,
0.3345

■ 45.5542, 0.3197,
0.3407

108.6575, 0.3180,
0.3377

■ 31.8942, 0.3206,
0.3422

138.3476, 0.3175,
0.3371

■ 21.2807, 0.3217,
0.3441

173.0062, 0.3172,
0.3365

■ 13.3293, 0.3232,
0.3467

213.0177, 0.3169,
0.3360

■ 7.6557, 0.3253,
0.3503

258.7665, 0.3166,
0.3355

■ 3.8755, 0.3285,
0.3558

310.6370, 0.3164,

■ 1.6041, 0.3337,

0.3351

369.0136, 0.3162,
0.3348

0.3651

0.3604, 0.4070,
0.4847

0.0000, 0.0000,
0.0000

62.6452, 0.3190,
0.3395

62.6452, 0.3190,
0.3395

61.7172, 0.3338,
0.3643

63.7107, 0.3047,
0.3157

60.9134, 0.3488,
0.3894


64.9107, 0.2912,
0.2931

60.2306, 0.3635,
0.4141

65.8337, 0.2825,
0.2785


59.6629, 0.3774,
0.4374

65.8634, 0.2826,
0.2785

 59.2035, 0.3898,
0.4585

 65.8931, 0.2827,
0.2785

 58.8452, 0.4003,
0.4762

 65.9228, 0.2829,
0.2785

 58.5796, 0.4083,
0.4901

 65.9526, 0.2830,
0.2786

 58.3973, 0.4138,
0.4996

 65.9824, 0.2832,
0.2786

 58.2866, 0.4167,
0.5049

 66.0123, 0.2833,
0.2786

Harmonies

Analogous

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



62.6452, 0.3232, 0.3381



62.6452, 0.3190, 0.3395



62.6452, 0.3132, 0.3381

Triad

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



62.6452, 0.3190, 0.3395



62.6452, 0.3011, 0.3236



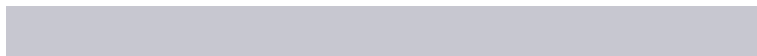
62.6452, 0.3182, 0.3240

Complementary

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



62.6452, 0.3190, 0.3395



57.5495, 0.3063, 0.3183

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.



62.6452, 0.3122, 0.3202



62.6452, 0.3190, 0.3395



62.6452, 0.3024, 0.3199

Square

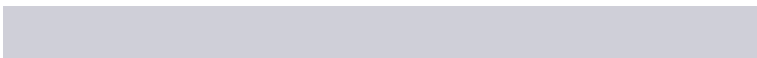
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6452, 0.3190, 0.3395



62.6452, 0.3028, 0.3288



62.6452, 0.3064, 0.3187



62.6452, 0.3227, 0.3291

Rectangle

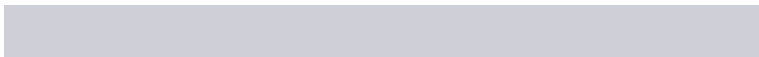
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6452, 0.3190, 0.3395



62.6452, 0.3091, 0.3356



62.6452, 0.3064, 0.3187



62.6452, 0.3163, 0.3225

Sweetspot

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



62.6479, 0.3190, 0.3395



99.8321, 0.3142, 0.3314



58.3781, 0.3198, 0.3290



21.3699, 0.3141, 0.3313



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.



62.6479, 0.3190, 0.3395



99.1822, 0.3200, 0.3413



62.0150, 0.3156, 0.3396



13.8712, 0.3209, 0.3427



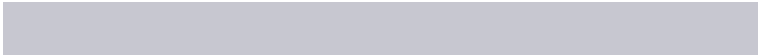
36.2937, 0.4176, 0.5066



2.0313, 0.4180, 0.5063

Inverse Universe

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



57.5495, 0.3063, 0.3183



89.8168, 0.3052, 0.3165



58.1647, 0.3097, 0.3184



12.4135, 0.3043, 0.3149



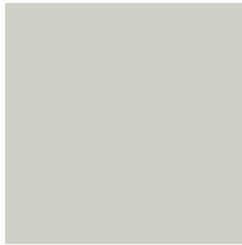
2.8490, 0.1504, 0.0602



0.1613, 0.1515, 0.0608

Previews

White Background



This preview shows how the Yxy color 62.6452, 0.3190, 0.3395 looks on a white background.

Color Contrast Check

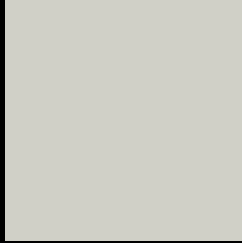
Large Text (above 18pt) WCAG AA × Fail

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 62.6452, 0.3190, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

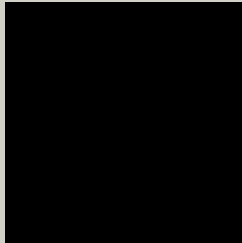
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

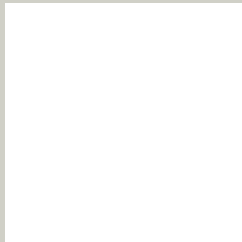
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6452, 0.3190, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 62.6452, 0.3190, 0.3395.

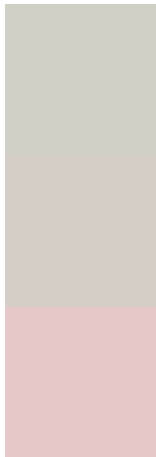


This preview shows how white text looks on a background with the Yxy color 62.6452, 0.3190, 0.3395.

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

62.6452, 0.3190, 0.3395

Protanopia

62.3660, 0.3238, 0.3382

Deuteranopia

62.3486, 0.3358, 0.3280



Tritanopia

62.7320, 0.3061, 0.3110

Trichromacy



Original Color

62.6452, 0.3190, 0.3395

Protanomaly

62.5517, 0.3222, 0.3394

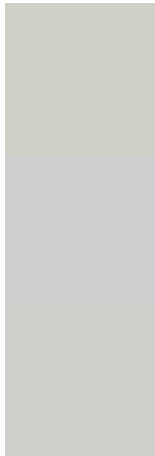
Deuteranomaly

62.4116, 0.3297, 0.3324

Tritanomaly

62.6483, 0.3108, 0.3210

Monochromacy



Original Color

62.6452, 0.3190, 0.3395

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2507, 0.3148, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6452, 0.3190, 0.3395 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(208, 208, 199) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 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(208, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.6452, 0.3190, 0.3395 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(208, 208, 199) }
```

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

```
.border{ border-color:rgb(208, 208, 199) }
```

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

Here you see how a box with a 4 pixel rgb(208, 208, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6452, 0.3190, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 199) }
```

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

```
.background{ background-color: rgb(208,  
208, 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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