

Converting Colors

$Yxy(62.9270, 0.3277, 0.3506)$

Have a look what the booklet for
Yxy(62.9270, 0.3277, 0.3506)
contains.

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Color

Yxy(63.1675, 0.3277, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	D3D1BE
RGB	211, 209, 190
RGB Percent	83%, 82%, 75%
CMY	0.1725, 0.1804, 0.2550
CMYK	0.00, 0.01, 0.10, 0.17
HSL	54°, 19%, 79%
HSV	54°, 10%, 83%
XYZ	58.9575, 63.1675, 57.7881
YIQ	207.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

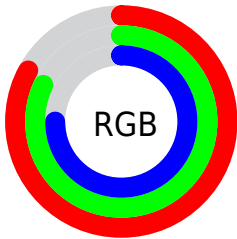
Format	Color
RYB	192, 211, 190
Decimal	13881790
CIELab	83.53, -2.59, 9.68
CIELCh	84, 10.017, 104.991
Yxy	63.1675, 0.3277, 0.3511
Android (android.graphics.Color)	4292071870 (0xFFD3D1BE)
YUV	207.4320, -8.5940, 3.1291
Hunter-Lab	79.4780, -6.6735, 12.5251

Details

The Yxy color **63.1675, 0.3277, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3378, 0.2973, 0.3059**, and the grayscale version is **62.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **32.3168, 0.3306, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **61.3355, 0.3434, 0.3740**, and if you desaturate by 10%, it is **65.1510, 0.3127, 0.3289**.

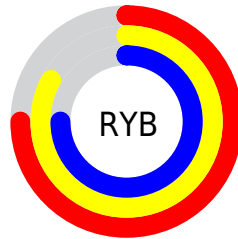
Distribution



Red (83%)

Green (82%)

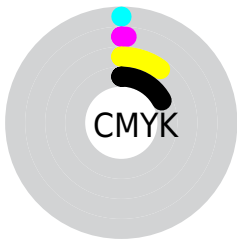
Blue (75%)



Red (75%)

Yellow (83%)

Blue (75%)

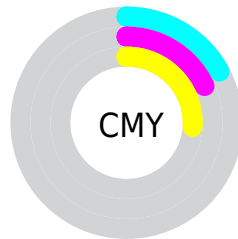


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1675, 0.3277, 0.3511 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 63.1675, 0.3277, 0.3511 by changing the saturation by 10% instead.

■ 63.1675, 0.3277,
0.3511

■ 63.1675, 0.3277,
0.3511

436.1771, 0.3206,
0.3406

■ 45.9767, 0.3294,
0.3536

■ 109.4111, 0.3252,
0.3474

■ 32.2275, 0.3314,
0.3567

139.2328, 0.3243,
0.3459

■ 21.5353, 0.3341,
0.3608

174.0335, 0.3234,
0.3447

■ 13.5158, 0.3376,
0.3662

214.1977, 0.3227,
0.3437

■ 7.7847, 0.3425,
0.3738

260.1098, 0.3221,
0.3427

■ 3.9575, 0.3497,
0.3853

312.1541, 0.3215,

■ 1.6498, 0.3615,

0.3419

0.4045

370.7151, 0.3211,
0.3412

0.3908, 0.4409,
0.5591

0.0000, 0.0000,
0.0000

63.1675, 0.3277,
0.3511

63.1675, 0.3277,
0.3511

61.3355, 0.3434,
0.3740

65.1510, 0.3127,
0.3289

59.6409, 0.3595,
0.3969

67.2831, 0.2986,
0.3078

58.0804, 0.3755,
0.4192

69.5717, 0.2855,
0.2881

56.6472, 0.3908,
0.4399

70.7097, 0.2846,
0.2886

■ 55.3341, 0.4047,
0.4580

■ 71.7501, 0.2847,
0.2908

■ 54.1329, 0.4167,
0.4725

■ 72.8030, 0.2848,
0.2930

■ 53.0344, 0.4261,
0.4829

■ 73.8687, 0.2849,
0.2951

■ 52.0275, 0.4328,
0.4889

■ 74.9470, 0.2850,
0.2973

■ 51.0924, 0.4372,
0.4911

■ 76.0381, 0.2851,
0.2995

Harmonies

Analogous

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



63.1675, 0.3357, 0.3469



63.1675, 0.3277, 0.3511



63.1675, 0.3157, 0.3492

Triad

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



63.1675, 0.3277, 0.3511



63.1675, 0.2886, 0.3191



63.1675, 0.3221, 0.3169

Complementary

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



63.1675, 0.3277, 0.3511



53.3378, 0.2973, 0.3059

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.



63.1675, 0.3093, 0.3098



63.1675, 0.3277, 0.3511



63.1675, 0.2901, 0.3109

Square

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



63.1675, 0.3277, 0.3511



63.1675, 0.2933, 0.3304



63.1675, 0.2977, 0.3076



63.1675, 0.3325, 0.3272

Rectangle

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



63.1675, 0.3277, 0.3511



63.1675, 0.3072, 0.3446



63.1675, 0.2977, 0.3076



63.1675, 0.3179, 0.3141

Sweetspot

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



63.1703, 0.3277, 0.3511



99.0540, 0.3172, 0.3356



54.4773, 0.3285, 0.3266



21.1483, 0.3184, 0.3374



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.



63.1703, 0.3277, 0.3511



96.3419, 0.3311, 0.3560



62.9472, 0.3210, 0.3538



13.5975, 0.3268, 0.3498



30.9130, 0.4369, 0.4913



1.7856, 0.4333, 0.4942

Inverse Universe

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



53.3378, 0.2973, 0.3059



78.2383, 0.2937, 0.3005



53.5805, 0.3038, 0.3039



11.5958, 0.2982, 0.3073



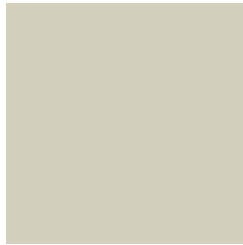
3.2088, 0.1519, 0.0670



0.2429, 0.1576, 0.0872

Previews

White Background



This preview shows how the Yxy color 63.1675, 0.3277, 0.3511 looks on a white background.

Color Contrast Check

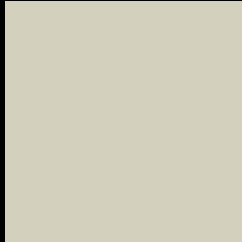
Large Text (above 18pt) WCAG AA × Fail

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 63.1675, 0.3277, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

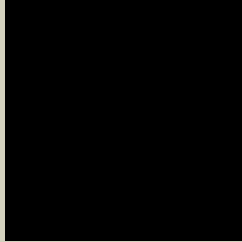
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

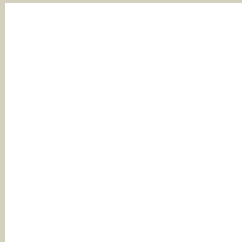
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1675, 0.3277, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 63.1675, 0.3277, 0.3511.



This preview shows how white text looks on a background with the Yxy color 63.1675, 0.3277, 0.3511.

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

63.1675, 0.3277, 0.3511

Protanopia

62.8987, 0.3326, 0.3497

Deuteranopia

63.0715, 0.3458, 0.3390



Tritanopia

63.3302, 0.3090, 0.3111

Trichromacy



Original Color

63.1675, 0.3277, 0.3511

Protanomaly

63.0820, 0.3309, 0.3510

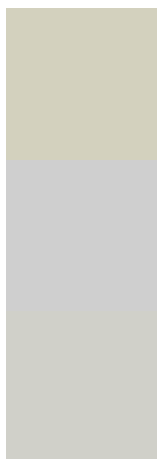
Deuteranomaly

63.1161, 0.3395, 0.3437

Tritanomaly

63.0919, 0.3160, 0.3245

Monochromacy



Original Color

63.1675, 0.3277, 0.3511

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7387, 0.3176, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1675, 0.3277, 0.3511 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(211, 209, 190) looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 190)  
}
```

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(211, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 190) }
```

Border

The CSS property to change the border of an element to Yxy 63.1675, 0.3277, 0.3511 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(211, 209, 190) }
```

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

```
.border{ border-color:rgb(211, 209, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1675, 0.3277, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 190) }
```

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

```
.background{ background-color: rgb(211,  
209, 190) }
```

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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