

Converting Colors

$Yxy(65.8876, 0.3257, 0.3504)$

Have a look what the booklet for
Yxy(65.8876, 0.3257, 0.3504)
contains.

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Color

Yxy(65.6748, 0.3252, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5C3
RGB	213, 213, 195
RGB Percent	84%, 84%, 76%
CMY	0.1646, 0.1647, 0.2353
CMYK	0.00, 0.00, 0.08, 0.16
HSL	60°, 18%, 80%
HSV	60°, 8%, 84%
XYZ	61.0911, 65.6748, 61.0911
YIQ	210.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

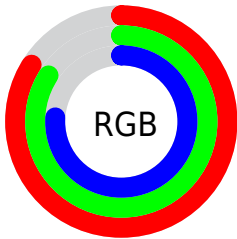
Format	Color
RYB	195, 213, 195
Decimal	14013891
CIELab	84.83, -3.11, 8.89
CIELCh	85, 9.417, 109.289
Yxy	65.6748, 0.3252, 0.3496
Android (android.graphics.Color)	4292203971 (0xFFD5D5C3)
YUV	210.9480, -7.8624, 1.7996
Hunter-Lab	81.0400, -7.2598, 12.0329

Details

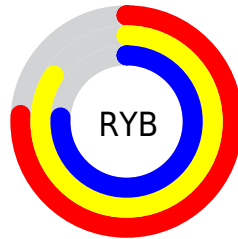
The Yxy color **65.6748, 0.3252, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4557, 0.2997, 0.3075**, and the grayscale version is **65.1594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **33.6459, 0.3283, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **64.7651, 0.3403, 0.3746**, and if you desaturate by 10%, it is **66.7277, 0.3105, 0.3253**.

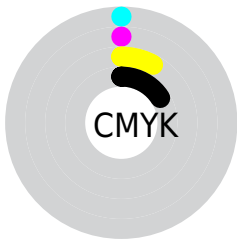
Distribution



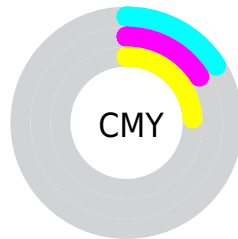
- Red (84%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6748, 0.3252, 0.3496 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 65.6748, 0.3252, 0.3496 by changing the saturation by 10% instead.

■ 65.6748, 0.3252,
0.3496

■ 65.6748, 0.3252,
0.3496

445.2130, 0.3193,
0.3398

■ 48.0085, 0.3266,
0.3519

113.0195, 0.3232,
0.3462

■ 33.8336, 0.3282,
0.3548

143.4666, 0.3224,
0.3448

■ 22.7658, 0.3304,
0.3585

178.9427, 0.3217,
0.3437

■ 14.4207, 0.3332,
0.3634

219.8323, 0.3211,
0.3427

■ 8.4138, 0.3372,
0.3703

266.5197, 0.3206,
0.3419

■ 4.3609, 0.3429,
0.3806

319.3894, 0.3201,

■ 1.8774, 0.3521,

0.3411

378.8257, 0.3197,
0.3404

0.3978

0.5347, 0.4470,
0.5530

0.0000, 0.0000,
0.0000

65.6748, 0.3252,
0.3496

65.6748, 0.3252,
0.3496

64.7651, 0.3403,
0.3746

66.7277, 0.3105,
0.3253

63.9843, 0.3555,
0.3996


67.9206, 0.2965,
0.3022


63.3290, 0.3701,
0.4237


69.0067, 0.2857,
0.2844

62.7924, 0.3837,
0.4461


69.0233, 0.2857,
0.2845


 62.3673, 0.3956,
0.4657

 69.0398, 0.2857,
0.2845

 62.0455, 0.4053,
0.4816


 69.0564, 0.2857,
0.2846


 61.8179, 0.4125,
0.4935

 69.0729, 0.2857,
0.2846

 61.6734, 0.4171,
0.5009

 69.0895, 0.2857,
0.2846

 61.5956, 0.4193,
0.5046

 69.1060, 0.2857,
0.2847

Harmonies

Analogous

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



65.6748, 0.3333, 0.3465



65.6748, 0.3252, 0.3496



65.6748, 0.3138, 0.3470

Triad

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



65.6748, 0.3252, 0.3496



65.6748, 0.2901, 0.3185



65.6748, 0.3230, 0.3190

Complementary

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



65.6748, 0.3252, 0.3496



55.4557, 0.2997, 0.3075

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.



65.6748, 0.3113, 0.3119



65.6748, 0.3252, 0.3496



65.6748, 0.2924, 0.3114

Square

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



65.6748, 0.3252, 0.3496



65.6748, 0.2937, 0.3288



65.6748, 0.3001, 0.3091



65.6748, 0.3321, 0.3288

Rectangle

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



65.6748, 0.3252, 0.3496



65.6748, 0.3060, 0.3423



65.6748, 0.3001, 0.3091



65.6748, 0.3192, 0.3162

Sweetspot

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



65.6777, 0.3252, 0.3496



99.5095, 0.3171, 0.3363



57.1385, 0.3270, 0.3287



21.2718, 0.3183, 0.3383



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.



65.6777, 0.3252, 0.3496



98.4400, 0.3277, 0.3537



64.4240, 0.3186, 0.3500



14.5165, 0.3266, 0.3520



37.6109, 0.4196, 0.5050



2.2696, 0.4195, 0.5051

Inverse Universe

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



55.4557, 0.2997, 0.3075



80.2979, 0.2970, 0.3031



56.6373, 0.3064, 0.3079



12.0118, 0.2981, 0.3049



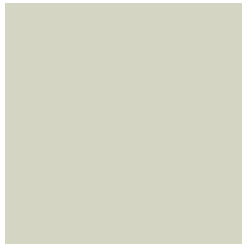
2.9403, 0.1500, 0.0601



0.1785, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 65.6748, 0.3252, 0.3496 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 65.6748, 0.3252, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

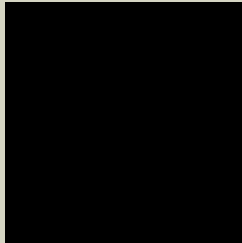
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

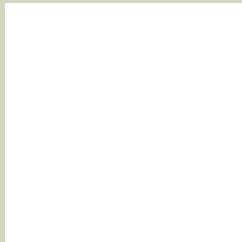
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6748, 0.3252, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 65.6748, 0.3252, 0.3496.



This preview shows how white text looks on a background with the Yxy color 65.6748, 0.3252, 0.3496.

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

65.6748, 0.3252, 0.3496

Protanopia

65.6992, 0.3315, 0.3482

Deuteranopia

65.3941, 0.3446, 0.3367



Tritanopia

65.7889, 0.3076, 0.3114

Trichromacy



Original Color

65.6748, 0.3252, 0.3496

Protanomaly

65.7337, 0.3291, 0.3495

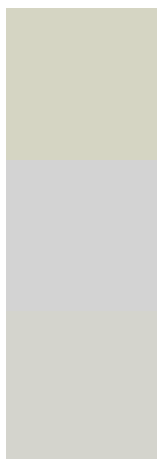
Deuteranomaly

65.2692, 0.3377, 0.3412

Tritanomaly

65.5472, 0.3144, 0.3245

Monochromacy



Original Color

65.6748, 0.3252, 0.3496

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4918, 0.3175, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6748, 0.3252, 0.3496 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(213, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 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(213, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 65.6748, 0.3252, 0.3496 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(213, 213, 195) }
```

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

```
.border{ border-color:rgb(213, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6748, 0.3252, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 195) }
```

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

```
.background{ background-color: rgb(213,  
213, 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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