

# Converting Colors

$Yxy(65.9815, 0.3268, 0.3528)$

Have a look what the booklet for  
Yxy(65.9815, 0.3268, 0.3528)  
contains.

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# Color

**Yxy(66.0895, 0.3265, 0.3531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D6C1
RGB	213, 214, 193
RGB Percent	84%, 84%, 76%
CMY	0.1647, 0.1608, 0.2433
CMYK	0.00, 0.00, 0.10, 0.16
HSL	63°, 20%, 80%
HSV	63°, 10%, 84%
XYZ	61.1108, 66.0895, 59.9691
YIQ	211.3070, 6.1450, -6.7430

# Conversions

## Conversions Part 2

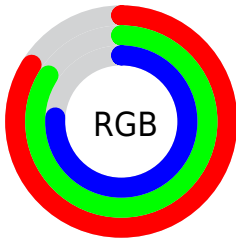
Format	Color
R <sub>Y</sub> B	193, 214, 194
Decimal	14014145
CIE Lab	85.04, -3.98, 10.27
CIE LCh	85, 11.013, 111.170
Yxy	66.0895, 0.3265, 0.3531
Android (android.graphics.Color)	4292204225 (0xFFD5D6C1)
YUV	211.3070, -9.0254, 1.4848
Hunter-Lab	81.2954, -8.0864, 13.1705

# Details

The Yxy color **66.0895, 0.3265, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4475, 0.2982, 0.3038**, and the grayscale version is **65.4134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.9295, 0.3300, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **65.0536, 0.3408, 0.3784**, and if you desaturate by 10%, it is **67.2704, 0.3125, 0.3286**.

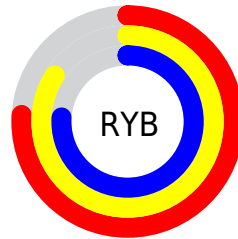
# Distribution



Red (84%)

Green (84%)

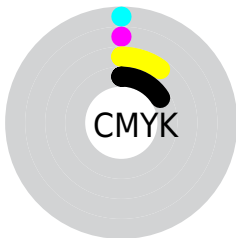
Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

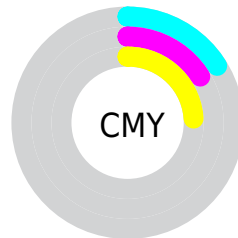


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0895, 0.3265, 0.3531 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 66.0895, 0.3265, 0.3531 by changing the saturation by 10% instead.



■ 66.0895, 0.3265,  
0.3531

■ 66.0895, 0.3265,  
0.3531

446.6969, 0.3201,  
0.3417

■ 48.3451, 0.3280,  
0.3558

■ 113.6148, 0.3242,  
0.3491

■ 34.1002, 0.3298,  
0.3592

144.1644, 0.3234,  
0.3475

■ 22.9706, 0.3322,  
0.3635

179.7512, 0.3226,  
0.3462

■ 14.5718, 0.3353,  
0.3693

220.7596, 0.3220,  
0.3450

■ 8.5194, 0.3395,  
0.3773

267.5740, 0.3214,  
0.3440

■ 4.4291, 0.3457,  
0.3894

320.5787, 0.3209,

■ 1.9164, 0.3554,

0.3432

0.4094

380.1582, 0.3205,  
0.3424

■ 0.5582, 0.4371,  
0.5629

■ 0.0000, 0.0000,  
0.0000

■ 66.0895, 0.3265,  
0.3531

■ 66.0895, 0.3265,  
0.3531

■ 65.0536, 0.3408,  
0.3784

■ 67.2704, 0.3125,  
0.3286

■ 64.1480, 0.3551,  
0.4037

■ 68.5930, 0.2991,  
0.3053

■ 63.3694, 0.3687,  
0.4283

■ 69.9250, 0.2878,  
0.2857

■ 62.7108, 0.3812,  
0.4511

■ 70.0808, 0.2885,  
0.2858

62.1647, 0.3919,  
0.4711

70.2375, 0.2891,  
0.2859

61.7229, 0.4004,  
0.4876

70.3952, 0.2898,  
0.2860

61.3756, 0.4064,  
0.4998

70.5539, 0.2905,  
0.2860

61.1118, 0.4098,  
0.5076

70.7135, 0.2912,  
0.2861

60.9112, 0.4110,  
0.5118

70.8741, 0.2919,  
0.2862

# Harmonies

## Analogous

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



66.0895, 0.3364, 0.3498



66.0895, 0.3265, 0.3531



66.0895, 0.3131, 0.3497

# Triad

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



66.0895, 0.3265, 0.3531



66.0895, 0.2864, 0.3161



66.0895, 0.3255, 0.3180

# Complementary

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



66.0895, 0.3265, 0.3531



54.4475, 0.2982, 0.3038

# 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.



66.0895, 0.3119, 0.3095



66.0895, 0.3265, 0.3531



66.0895, 0.2895, 0.3081

# Square

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



66.0895, 0.3265, 0.3531



66.0895, 0.2901, 0.3279



66.0895, 0.2987, 0.3058



66.0895, 0.3358, 0.3295



# Rectangle

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



66.0895, 0.3265, 0.3531



66.0895, 0.3040, 0.3440



66.0895, 0.2987, 0.3058



66.0895, 0.3212, 0.3147

# Sweetspot

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



66.0924, 0.3265, 0.3531



99.4480, 0.3169, 0.3363



56.5833, 0.3298, 0.3299



21.2551, 0.3180, 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.



66.0924, 0.3265, 0.3531



97.9082, 0.3298, 0.3588



64.6121, 0.3188, 0.3537



14.4884, 0.3259, 0.3521



36.8256, 0.4111, 0.5118



2.2306, 0.4126, 0.5106



# Inverse Universe

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



54.4475, 0.2982, 0.3038



76.8922, 0.2946, 0.2975



55.8461, 0.3061, 0.3044



12.0366, 0.2989, 0.3049



2.9871, 0.1516, 0.0609

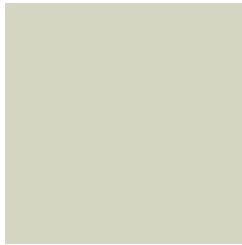


0.1903, 0.1566, 0.0637



# Previews

## White Background



This preview shows how the Yxy color 66.0895, 0.3265, 0.3531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

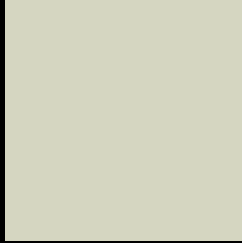
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 66.0895, 0.3265, 0.3531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

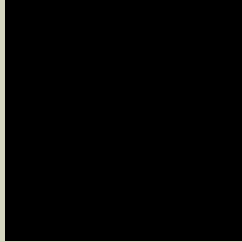
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

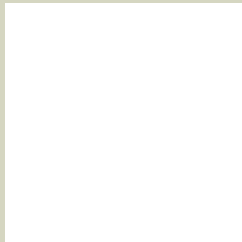
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 66.0895, 0.3265, 0.3531**

## Background



This preview shows how black text looks on a background with the Yxy color 66.0895, 0.3265, 0.3531.



This preview shows how white text looks on a background with the Yxy color 66.0895, 0.3265, 0.3531.

# 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

66.0895, 0.3265, 0.3531

### Protanopia

66.2649, 0.3336, 0.3516

### Deuteranopia

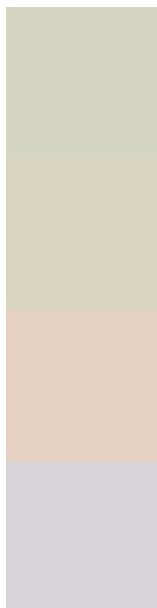
65.9535, 0.3467, 0.3399



## Tritanopia

65.9973, 0.3077, 0.3103

# Trichromacy



## Original Color

66.0895, 0.3265, 0.3531

## Protanomaly

66.2997, 0.3311, 0.3528

## Deuteranomaly

65.8298, 0.3398, 0.3445

## Tritanomaly

66.0425, 0.3144, 0.3257

# Monochromacy



## Original Color

66.0895, 0.3265, 0.3531

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

65.4436, 0.3182, 0.3381

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.0895, 0.3265, 0.3531 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, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 193)  
}
```

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, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 66.0895, 0.3265, 0.3531 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, 214, 193) }
```

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

```
.border{ border-color:rgb(213, 214, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.0895, 0.3265, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 193) }
```

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

```
.background{ background-color: rgb(213,  
214, 193) }
```

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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