

Converting Colors

Yxy(66.7918, 0.3163, 0.3219)

Have a look what the booklet for
Yxy(66.7918, 0.3163, 0.3219)
contains.

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Color

Yxy(66.9704, 0.3160, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3D9
RGB	221, 211, 217
RGB Percent	87%, 83%, 85%
CMY	0.1333, 0.1725, 0.1490
CMYK	0.00, 0.05, 0.02, 0.13
HSL	324°, 13%, 85%
HSV	324°, 5%, 87%
XYZ	65.6410, 66.9704, 75.1132
YIQ	214.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

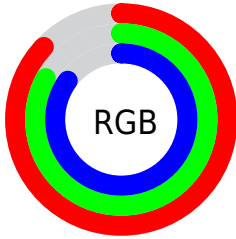
Format	Color
R _Y B	221, 211, 217
Decimal	14537689
CIE Lab	85.49, 4.51, -1.74
CIE LCh	85, 4.830, 338.916
Yxy	66.9704, 0.3160, 0.3224
Android (android.graphics.Color)	4292727769 (0xFFDDD3D9)
YUV	214.6740, 1.1467, 5.5479
Hunter-Lab	81.8354, -0.0355, 2.8651

Details

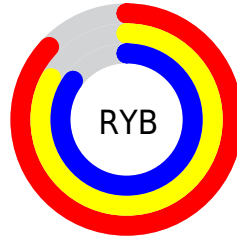
The Yxy color **66.9704, 0.3160, 0.3224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4776, 0.3096, 0.3357**, and the grayscale version is **67.7162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8296, 0.3170, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **56.2875, 0.3243, 0.3073**, and if you desaturate by 10%, it is **79.1936, 0.3091, 0.3367**.

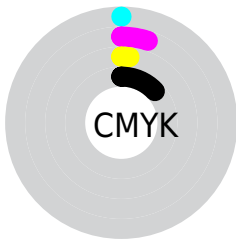
Distribution



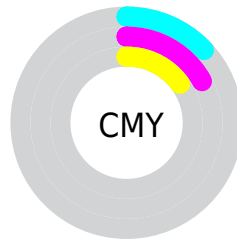
- Red (87%)
- Green (83%)
- Blue (85%)



- Red (87%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9704, 0.3160, 0.3224 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 66.9704, 0.3160, 0.3224 by changing the saturation by 10% instead.

■ 66.9704, 0.3160,
0.3224

■ 66.9704, 0.3160,
0.3224

449.8394, 0.3145,
0.3255

■ 49.0606, 0.3164,
0.3217

114.8780, 0.3155,
0.3235

■ 34.6675, 0.3168,
0.3208

145.6446, 0.3153,
0.3239

■ 23.4069, 0.3174,
0.3197

181.4655, 0.3151,
0.3243

■ 14.8942, 0.3181,
0.3182

222.7252, 0.3149,
0.3246

■ 8.7452, 0.3191,
0.3161

269.8080, 0.3148,
0.3248

■ 4.5754, 0.3206,
0.3131

323.0984, 0.3147,

■ 2.0003, 0.3231,

0.3251

0.3082

382.9807, 0.3146,
0.3253

0.6077, 0.3308,
0.2924

0.0000, 0.0000,
0.0000

66.9704, 0.3160,
0.3224

66.9704, 0.3160,
0.3224

56.2875, 0.3243,
0.3073

79.1936, 0.3091,
0.3367

47.0747, 0.3341,
0.2915

92.8766, 0.3034,
0.3498

39.2691, 0.3457,
0.2757

93.4006, 0.2985,
0.3406

32.7998, 0.3591,
0.2603

93.9505, 0.2937,
0.3315

■ 27.5898, 0.3744,
0.2463

■ 94.1148, 0.2923,
0.3289

■ 23.5543, 0.3913,
0.2347

■ 20.5977, 0.4094,
0.2269

■ 18.6093, 0.4280,
0.2237

■ 17.4541, 0.4464,
0.2259

Harmonies

Analogous

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



66.9704, 0.3099, 0.3194



66.9704, 0.3160, 0.3224



66.9704, 0.3212, 0.3271

Triad

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



66.9704, 0.3160, 0.3224



66.9704, 0.3208, 0.3392



66.9704, 0.3014, 0.3255

Complementary

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



66.9704, 0.3160, 0.3224



70.4776, 0.3096, 0.3357

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.



66.9704, 0.3043, 0.3308



66.9704, 0.3160, 0.3224



66.9704, 0.3154, 0.3389

Square

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



66.9704, 0.3160, 0.3224



66.9704, 0.3240, 0.3368



66.9704, 0.3094, 0.3358



66.9704, 0.3016, 0.3211

Rectangle

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



66.9704, 0.3160, 0.3224



66.9704, 0.3235, 0.3307



66.9704, 0.3094, 0.3358



66.9704, 0.3021, 0.3272

Sweetspot

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



66.9733, 0.3160, 0.3224



98.3181, 0.3134, 0.3275



66.2581, 0.3088, 0.3179



21.0619, 0.3134, 0.3276



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.



66.9733, 0.3160, 0.3224



91.8084, 0.3164, 0.3217



66.7170, 0.3195, 0.3279



14.0690, 0.3169, 0.3207



9.9275, 0.4536, 0.2272



0.6600, 0.4262, 0.2121

Inverse Universe

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



66.9733, 0.3160, 0.3224



91.8084, 0.3164, 0.3217



70.7387, 0.3063, 0.3301



14.0690, 0.3169, 0.3207



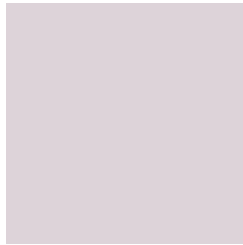
9.9275, 0.4536, 0.2272



0.6600, 0.4262, 0.2121

Previews

White Background



This preview shows how the Yxy color 66.9704, 0.3160, 0.3224 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 66.9704, 0.3160, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

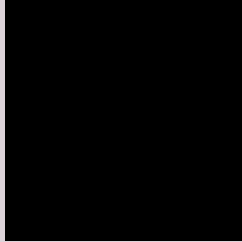
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

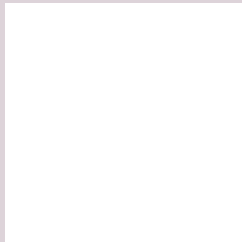
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9704, 0.3160, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 66.9704, 0.3160, 0.3224.

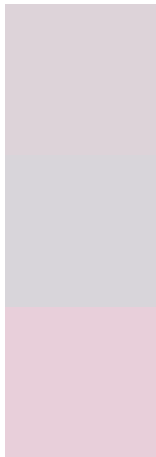


This preview shows how white text looks on a background with the Yxy color 66.9704, 0.3160, 0.3224.

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

66.9704, 0.3160, 0.3224

Protanopia

67.2494, 0.3115, 0.3234

Deuteranopia

66.8434, 0.3239, 0.3172



Tritanopia

67.1138, 0.3106, 0.3116

Trichromacy



Original Color

66.9704, 0.3160, 0.3224

Protanomaly

67.0543, 0.3130, 0.3224

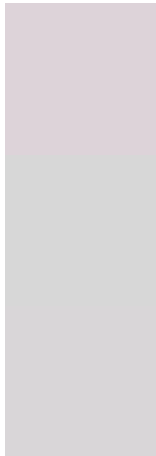
Deuteranomaly

66.6677, 0.3207, 0.3182

Tritanomaly

66.9505, 0.3126, 0.3148

Monochromacy



Original Color

66.9704, 0.3160, 0.3224

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8027, 0.3136, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9704, 0.3160, 0.3224 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(221, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 217)  
}
```

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(221, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 217) }
```

Border

The CSS property to change the border of an element to Yxy 66.9704, 0.3160, 0.3224 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(221, 211, 217) }
```

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

```
.border{ border-color:rgb(221, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 211, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 211, 217); box-shadow:4px 4px 4px 4px rgb(221, 211, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9704, 0.3160, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 217) }
```

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

```
.background{ background-color: rgb(221,  
211, 217) }
```

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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