

Converting Colors

$Yxy(66.7901, 0.3207, 0.3234)$

Have a look what the booklet for
Yxy(66.7901, 0.3207, 0.3234)
contains.

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Color

Yxy(67.0070, 0.3204, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	E1D2D7
RGB	225, 210, 215
RGB Percent	88%, 82%, 84%
CMY	0.1179, 0.1763, 0.1569
CMYK	0.00, 0.07, 0.04, 0.12
HSL	340°, 20%, 85%
HSV	340°, 7%, 88%
XYZ	66.3444, 67.0070, 73.7160
YIQ	215.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

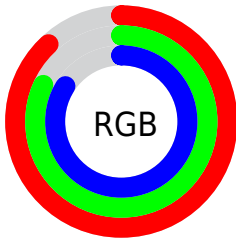
Format	Color
RYB	225, 210, 215
Decimal	14799575
CIELab	85.51, 6.00, -0.60
CIELCh	86, 6.030, 354.261
Yxy	67.0070, 0.3204, 0.3236
Android (android.graphics.Color)	4292989655 (0xFFE1D2D7)
YUV	215.0550, -0.0271, 8.7218
Hunter-Lab	81.8578, 1.4201, 3.9076

Details

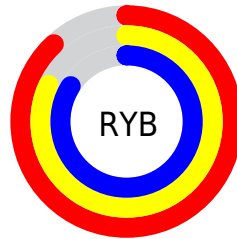
The Yxy color $67.0070, 0.3204, 0.3236$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.6821, 0.3056, 0.3345$, and the grayscale version is $67.9860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8610, 0.3229, 0.3233$ is the 20% darker color. If you saturate the color by 10%, you get $55.9343, 0.3342, 0.3150$, and if you desaturate by 10%, it is $79.7173, 0.3092, 0.3317$.

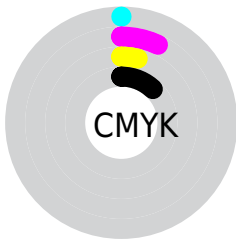
Distribution



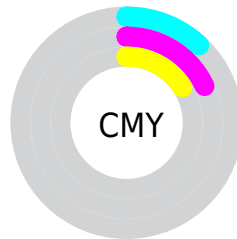
- Red (88%)
- Green (82%)
- Blue (84%)



- Red (88%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0070, 0.3204, 0.3236 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 67.0070, 0.3204, 0.3236 by changing the saturation by 10% instead.

67.0070, 0.3204,
0.3236

67.0070, 0.3204,
0.3236

449.9697, 0.3168,
0.3261

49.0903, 0.3212,
0.3230

114.9304, 0.3191,
0.3245

34.6911, 0.3223,
0.3223

145.7060, 0.3187,
0.3248

23.4250, 0.3236,
0.3213

181.5366, 0.3182,
0.3251

14.9077, 0.3254,
0.3201

222.8067, 0.3179,
0.3254

8.7546, 0.3278,
0.3184

269.9007, 0.3176,
0.3256

4.5815, 0.3314,
0.3159

323.2029, 0.3173,

2.0039, 0.3374,

0.3258

0.3118

383.0978, 0.3170,
0.3260

0.6097, 0.3556,
0.2986

0.0000, 0.0000,
0.0000

67.0070, 0.3204,
0.3236

67.0070, 0.3204,
0.3236

55.9343, 0.3342,
0.3150

79.7173, 0.3092,
0.3317

46.4238, 0.3510,
0.3060

94.1086, 0.3000,
0.3391

38.4073, 0.3714,
0.2970

94.7355, 0.2946,
0.3289

31.8078, 0.3959,
0.2884

■ 26.5418, 0.4245,
0.2811

■ 22.5166, 0.4569,
0.2762

■ 19.6277, 0.4916,
0.2750

■ 17.7530, 0.5262,
0.2784

■ 16.7379, 0.5577,
0.2867

Harmonies

Analogous

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



67.0070, 0.3131, 0.3186



67.0070, 0.3204, 0.3236



67.0070, 0.3257, 0.3300

Triad

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



67.0070, 0.3204, 0.3236



67.0070, 0.3196, 0.3420



67.0070, 0.2983, 0.3215

Complementary

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



67.0070, 0.3204, 0.3236



72.6821, 0.3056, 0.3345

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.



67.0070, 0.2999, 0.3278



67.0070, 0.3204, 0.3236



67.0070, 0.3122, 0.3398

Square

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



67.0070, 0.3204, 0.3236



67.0070, 0.3252, 0.3407



67.0070, 0.3050, 0.3345



67.0070, 0.3004, 0.3173

Rectangle

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



67.0070, 0.3204, 0.3236



67.0070, 0.3273, 0.3343



67.0070, 0.3050, 0.3345



67.0070, 0.2984, 0.3234

Sweetspot

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



67.0099, 0.3204, 0.3236



96.5718, 0.3149, 0.3274



66.7505, 0.3098, 0.3127



20.7062, 0.3148, 0.3275



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.



67.0099, 0.3204, 0.3236



86.8218, 0.3222, 0.3224



67.9946, 0.3237, 0.3318



13.7754, 0.3240, 0.3212



9.5351, 0.5635, 0.2878



0.6771, 0.5200, 0.2638

Inverse Universe

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



67.0099, 0.3204, 0.3236



86.8218, 0.3222, 0.3224



71.6166, 0.3025, 0.3262



13.7754, 0.3240, 0.3212



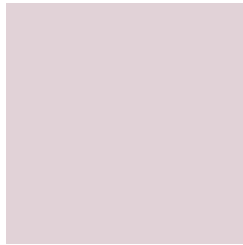
9.5351, 0.5635, 0.2878



0.6771, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 67.0070, 0.3204, 0.3236 looks on a white background.

Color Contrast Check

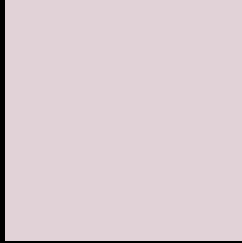
Large Text (above 18pt) WCAG AA × Fail

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 67.0070, 0.3204, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

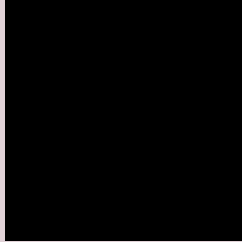
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

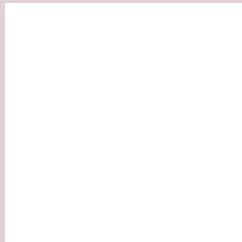
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0070, 0.3204, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 67.0070, 0.3204, 0.3236.

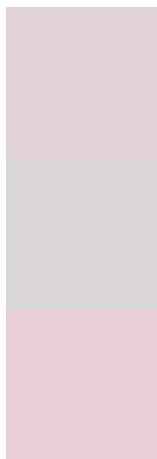


This preview shows how white text looks on a background with the Yxy color 67.0070, 0.3204, 0.3236.

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

67.0070, 0.3204, 0.3236

Protanopia

67.2981, 0.3136, 0.3257

Deuteranopia

66.9072, 0.3261, 0.3194



Tritanopia

66.7167, 0.3143, 0.3106

Trichromacy



Original Color

67.0070, 0.3204, 0.3236

Protanomaly

67.2605, 0.3159, 0.3246

Deuteranomaly

66.8926, 0.3237, 0.3204

Tritanomaly

66.9901, 0.3171, 0.3160

Monochromacy



Original Color

67.0070, 0.3204, 0.3236

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5549, 0.3158, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0070, 0.3204, 0.3236 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(225, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 215)  
}
```

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(225, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.0070, 0.3204, 0.3236 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(225, 210, 215) }
```

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

```
.border{ border-color:rgb(225, 210, 215) }
```

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

Here you see how a box with a 4 pixel rgb(225, 210, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0070, 0.3204, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 215) }
```

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

```
.background{ background-color: rgb(225,  
210, 215) }
```

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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