

Converting Colors

$Yxy(64.5970, 0.3268, 0.3246)$

Have a look what the booklet for
Yxy(64.5970, 0.3268, 0.3246)
contains.

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Color

Yxy(64.5970, 0.3268, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	E3CDD1
RGB	227, 205, 209
RGB Percent	89%, 80%, 82%
CMY	0.1096, 0.1961, 0.1803
CMYK	0.00, 0.10, 0.08, 0.11
HSL	349°, 28%, 85%
HSV	349°, 10%, 89%
XYZ	65.0348, 64.5970, 69.3731
YIQ	212.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

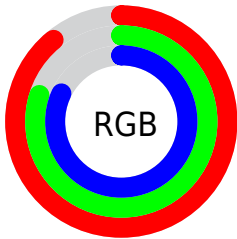
Format	Color
R_{YB}	227, 205, 209
Decimal	14929361
CIE _{Lab}	84.28, 8.37, 0.79
CIE _{LCh}	84, 8.409, 5.403
Yxy	64.5970, 0.3268, 0.3246
Android (android.graphics.Color)	4293119441 (0xFFE3CDD1)
YUV	212.0340, -1.4958, 13.1252
Hunter-Lab	80.3723, 3.7854, 5.0846

Details

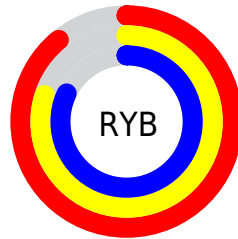
The Yxy color **64.5970, 0.3268, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2789, 0.3002, 0.3335**, and the grayscale version is **65.8730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2704, 0.3304, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **53.6483, 0.3447, 0.3198**, and if you desaturate by 10%, it is **77.2348, 0.3124, 0.3291**.

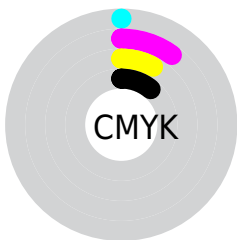
Distribution



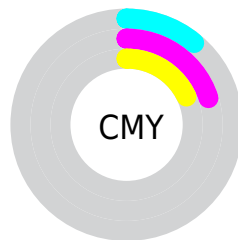
- Red (89%)
- Green (80%)
- Blue (82%)



- Red (89%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5970, 0.3268, 0.3246 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 64.5970, 0.3268, 0.3246 by changing the saturation by 10% instead.


 64.5970, 0.3268,
0.3246

 64.5970, 0.3268,
0.3246


441.3423, 0.3201,
0.3267

 47.1344, 0.3284,
0.3241


111.4703, 0.3245,
0.3253

 33.1419, 0.3303,
0.3235


141.6497, 0.3236,
0.3256

 22.2352, 0.3328,
0.3227


176.8369, 0.3228,
0.3259

 14.0298, 0.3362,
0.3216

217.4161, 0.3221,
0.3261

 8.1414, 0.3409,
0.3201

263.7719, 0.3215,
0.3263

 4.1856, 0.3479,
0.3178

316.2886, 0.3210,

 1.7779, 0.3596,

0.3264

0.3139

375.3506, 0.3205,
0.3266

0.4733, 0.4121,
0.2981

0.0000, 0.0000,
0.0000

64.5970, 0.3268,
0.3246

64.5970, 0.3268,
0.3246

53.6483, 0.3447,
0.3198

77.2348, 0.3124,
0.3291

44.3088, 0.3668,
0.3148

91.6202, 0.3007,
0.3333

36.5052, 0.3939,
0.3099

95.0813, 0.2958,
0.3290

30.1547, 0.4265,
0.3055

■ 25.1671, 0.4643,
0.3024

■ 21.4419, 0.5059,
0.3013

■ 18.8645, 0.5479,
0.3032

■ 17.2996, 0.5854,
0.3083

■ 16.5221, 0.6138,
0.3157

Harmonies

Analogous

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



64.5970, 0.3172, 0.3166



64.5970, 0.3268, 0.3246



64.5970, 0.3326, 0.3338

Triad

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



64.5970, 0.3268, 0.3246



64.5970, 0.3186, 0.3469



64.5970, 0.2929, 0.3157

Complementary

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



64.5970, 0.3268, 0.3246



73.2789, 0.3002, 0.3335

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.



64.5970, 0.2932, 0.3237



64.5970, 0.3268, 0.3246



64.5970, 0.3080, 0.3419

Square

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



64.5970, 0.3268, 0.3246



64.5970, 0.3278, 0.3468



64.5970, 0.2988, 0.3333



64.5970, 0.2977, 0.3115

Rectangle

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



64.5970, 0.3268, 0.3246



64.5970, 0.3335, 0.3395



64.5970, 0.2988, 0.3333



64.5970, 0.2924, 0.3180

Sweetspot

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



64.5998, 0.3268, 0.3246



94.8196, 0.3168, 0.3277



64.8942, 0.3108, 0.3050



20.0064, 0.3179, 0.3273



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.



64.5998, 0.3268, 0.3246



80.4993, 0.3307, 0.3235



67.8226, 0.3289, 0.3367



14.4108, 0.3264, 0.3247



9.6319, 0.6114, 0.3142



0.7242, 0.5726, 0.2928

Inverse Universe

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



64.5998, 0.3268, 0.3246



80.4993, 0.3307, 0.3235



69.7501, 0.2977, 0.3212



14.4108, 0.3264, 0.3247



9.6319, 0.6114, 0.3142



0.7242, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 64.5970, 0.3268, 0.3246 looks on a white background.

Color Contrast Check

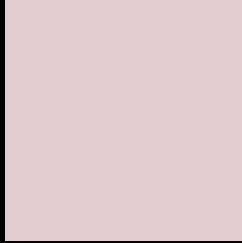
Large Text (above 18pt) WCAG AA × Fail

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 64.5970, 0.3268, 0.3246 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

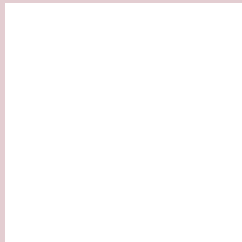
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5970, 0.3268, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 64.5970, 0.3268, 0.3246.



This preview shows how white text looks on a background with the Yxy color 64.5970, 0.3268, 0.3246.

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

64.5970, 0.3268, 0.3246

Protanopia

64.6002, 0.3151, 0.3268

Deuteranopia

64.7781, 0.3300, 0.3236



Tritanopia

64.3203, 0.3204, 0.3116

Trichromacy



Original Color

64.5970, 0.3268, 0.3246

Protanomaly

64.8250, 0.3196, 0.3268

Deuteranomaly

64.6122, 0.3292, 0.3236

Tritanomaly

64.5860, 0.3232, 0.3170

Monochromacy



Original Color

64.5970, 0.3268, 0.3246

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.0558, 0.3173, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5970, 0.3268, 0.3246 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(227, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 209)  
}
```

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(227, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 209) }
```

Border

The CSS property to change the border of an element to Yxy 64.5970, 0.3268, 0.3246 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(227, 205, 209) }
```

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

```
.border{ border-color:rgb(227, 205, 209) }
```

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

Here you see how a box with a 4 pixel rgb(227, 205, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5970, 0.3268, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 209) }
```

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

```
.background{ background-color: rgb(227,  
205, 209) }
```

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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