

Converting Colors

$Y_{xy}(65.6211, 0.3255, 0.3219)$

Have a look what the booklet for
Yxy(65.6211, 0.3255, 0.3219)
contains.

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Color

Yxy(65.6047, 0.3253, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	E5CED5
RGB	229, 206, 213
RGB Percent	90%, 81%, 84%
CMY	0.1019, 0.1922, 0.1647
CMYK	0.00, 0.10, 0.07, 0.10
HSL	342°, 31%, 85%
HSV	342°, 10%, 90%
XYZ	66.4008, 65.6047, 72.1162
YIQ	213.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

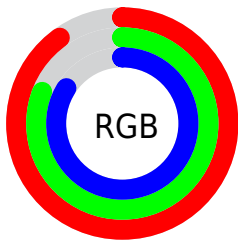
Format	Color
R _Y B	229, 206, 213
Decimal	15060693
CIE Lab	84.79, 9.20, -0.55
CIE LCh	85, 9.216, 356.561
Yxy	65.6047, 0.3253, 0.3214
Android (android.graphics.Color)	4293250773 (0xFFE5CED5)
YUV	213.6750, -0.3328, 13.4400
Hunter-Lab	80.9967, 4.5893, 3.9083

Details

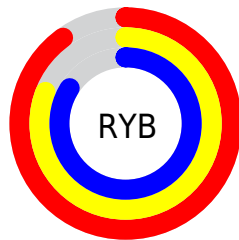
The Yxy color **65.6047, 0.3253, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4491, 0.3015, 0.3367**, and the grayscale version is **67.0154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8093, 0.3283, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **54.6025, 0.3407, 0.3134**, and if you desaturate by 10%, it is **78.2988, 0.3128, 0.3290**.

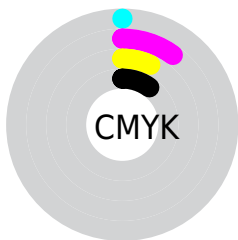
Distribution



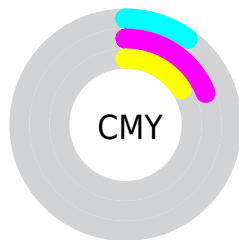
- Red (90%)
- Green (81%)
- Blue (84%)



- Red (90%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6047, 0.3253, 0.3214 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 65.6047, 0.3253, 0.3214 by changing the saturation by 10% instead.


 65.6047, 0.3253,
0.3214

 65.6047, 0.3253,
0.3214

444.9618, 0.3194,
0.3250

 47.9516, 0.3267,
0.3206


112.9188, 0.3232,
0.3227

 33.7885, 0.3284,
0.3195


143.3485, 0.3224,
0.3231

 22.7312, 0.3306,
0.3182


178.8060, 0.3217,
0.3236

 14.3952, 0.3336,
0.3164

219.6754, 0.3211,
0.3239

 8.3960, 0.3376,
0.3140

266.3414, 0.3206,
0.3242

 4.3494, 0.3437,
0.3103

319.1881, 0.3201,

 1.8709, 0.3537,

0.3245

0.3044

378.6002, 0.3197,
0.3248

0.5308, 0.3885,
0.2829

0.0000, 0.0000,
0.0000

65.6047, 0.3253,
0.3214

65.6047, 0.3253,
0.3214

54.6025, 0.3407,
0.3134

78.2988, 0.3128,
0.3290

45.2122, 0.3595,
0.3051

92.7433, 0.3026,
0.3360

37.3599, 0.3824,
0.2969

95.4022, 0.2970,
0.3290

30.9629, 0.4096,
0.2894

■ 25.9302, 0.4412,
0.2834

■ 22.1611, 0.4763,
0.2803

■ 19.5401, 0.5129,
0.2811

■ 17.9307, 0.5479,
0.2865

■ 17.1006, 0.5781,
0.2959

Harmonies

Analogous

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



65.6047, 0.3142, 0.3136



65.6047, 0.3253, 0.3214



65.6047, 0.3331, 0.3313

Triad

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



65.6047, 0.3253, 0.3214



65.6047, 0.3224, 0.3491



65.6047, 0.2906, 0.3167

Complementary

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



65.6047, 0.3253, 0.3214



74.4491, 0.3015, 0.3367

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.



65.6047, 0.2927, 0.3262



65.6047, 0.3253, 0.3214



65.6047, 0.3110, 0.3452

Square

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



65.6047, 0.3253, 0.3214



65.6047, 0.3314, 0.3473



65.6047, 0.3001, 0.3367



65.6047, 0.2942, 0.3108

Rectangle

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



65.6047, 0.3253, 0.3214



65.6047, 0.3353, 0.3378



65.6047, 0.3001, 0.3367



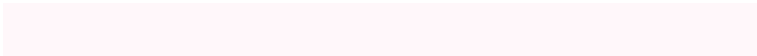
65.6047, 0.2907, 0.3196

Sweetspot

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



65.6076, 0.3253, 0.3214



94.8777, 0.3162, 0.3268



65.2871, 0.3085, 0.3039



20.0220, 0.3172, 0.3262



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.



65.6076, 0.3253, 0.3214



80.7105, 0.3282, 0.3198



67.3195, 0.3299, 0.3337



14.4398, 0.3245, 0.3219



9.7936, 0.5741, 0.2936



0.7398, 0.5325, 0.2707

Inverse Universe

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



65.6076, 0.3253, 0.3214



80.7105, 0.3282, 0.3198



72.5243, 0.2972, 0.3243



14.4398, 0.3245, 0.3219



9.7936, 0.5741, 0.2936



0.7398, 0.5325, 0.2707

Previews

White Background



This preview shows how the Yxy color 65.6047, 0.3253, 0.3214 looks on a white background.

Color Contrast Check

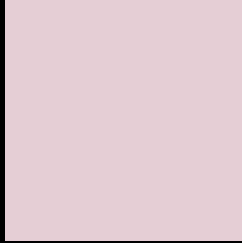
Large Text (above 18pt) WCAG AA × Fail

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 65.6047, 0.3253, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

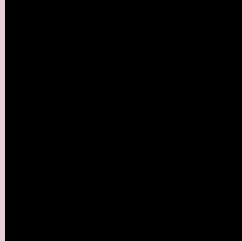
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6047, 0.3253, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 65.6047, 0.3253, 0.3214.



This preview shows how white text looks on a background with the Yxy color 65.6047, 0.3253, 0.3214.

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

65.6047, 0.3253, 0.3214

Protanopia

65.8425, 0.3115, 0.3234

Deuteranopia

65.4557, 0.3269, 0.3204



Tritanopia

65.7061, 0.3204, 0.3118

Trichromacy



Original Color

65.6047, 0.3253, 0.3214

Protanomaly

65.5673, 0.3160, 0.3223

Deuteranomaly

65.2897, 0.3262, 0.3203

Tritanomaly

65.5476, 0.3225, 0.3150

Monochromacy



Original Color

65.6047, 0.3253, 0.3214

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5036, 0.3166, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6047, 0.3253, 0.3214 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(229, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 213)  
}
```

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(229, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.6047, 0.3253, 0.3214 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(229, 206, 213) }
```

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

```
.border{ border-color:rgb(229, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 206, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 206, 213); box-shadow:4px 4px 4px 4px rgb(229, 206, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6047, 0.3253, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 213) }
```

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

```
.background{ background-color: rgb(229,  
206, 213) }
```

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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