

Converting Colors

$Yxy(65.7633, 0.3060, 0.3298)$

Have a look what the booklet for
Yxy(65.7633, 0.3060, 0.3298)
contains.

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Color

Yxy(65.7346, 0.3061, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	CCD6D5
RGB	204, 214, 213
RGB Percent	80%, 84%, 84%
CMY	0.2001, 0.1607, 0.1646
CMYK	0.05, 0.00, 0.00, 0.16
HSL	174°, 11%, 82%
HSV	174°, 5%, 84%
XYZ	60.9554, 65.7346, 72.4455
YIQ	210.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

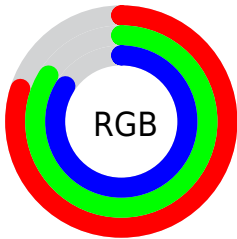
Format	Color
RYB	204, 209, 214
Decimal	13424341
CIELab	84.86, -3.56, -0.70
CIELCh	85, 3.631, 191.164
Yxy	65.7346, 0.3061, 0.3301
Android (android.graphics.Color)	4291614421 (0xFFCCD6D5)
YUV	210.8960, 1.0373, -6.0478
Hunter-Lab	81.0769, -7.6844, 3.7758

Details

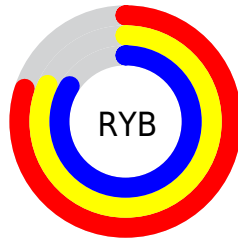
The Yxy color **65.7346, 0.3061, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8750, 0.3197, 0.3279**, and the grayscale version is **65.0648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7489, 0.3050, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **62.8133, 0.2924, 0.3326**, and if you desaturate by 10%, it is **69.0783, 0.3203, 0.3278**.

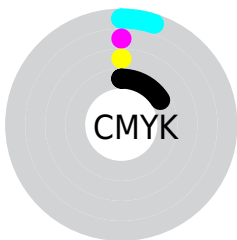
Distribution



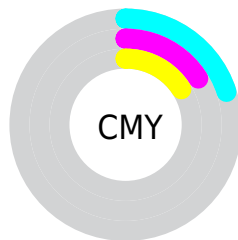
- Red (80%)
- Green (84%)
- Blue (84%)



- Red (80%)
- Yellow (82%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7346, 0.3061, 0.3301 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 65.7346, 0.3061, 0.3301 by changing the saturation by 10% instead.

■ 65.7346, 0.3061,
0.3301

■ 65.7346, 0.3061,
0.3301

445.4271, 0.3092,
0.3296

■ 48.0570, 0.3054,
0.3302

113.1053, 0.3072,
0.3299

■ 33.8720, 0.3045,
0.3304

143.5672, 0.3076,
0.3299

■ 22.7953, 0.3033,
0.3305

179.0594, 0.3080,
0.3298

■ 14.4424, 0.3018,
0.3308

219.9661, 0.3083,
0.3297

■ 8.4290, 0.2996,
0.3311

266.6719, 0.3086,
0.3297

■ 4.3707, 0.2964,
0.3316

319.5610, 0.3088,

■ 1.8830, 0.2912,

0.3297

379.0180, 0.3090,
0.3296

0.3324

0.5381, 0.2657,
0.3368

0.0000, 0.0000,
0.0000

65.7346, 0.3061,
0.3301

65.7346, 0.3061,
0.3301

62.8133, 0.2924,
0.3326

69.0783, 0.3203,
0.3278

60.2892, 0.2796,
0.3354


72.8520, 0.3348,
0.3258


58.1472, 0.2680,
0.3383

74.4887, 0.3395,
0.3237

56.3678, 0.2577,
0.3414


74.5996, 0.3380,
0.3216


 54.9300, 0.2491,
0.3446

 74.7119, 0.3365,
0.3195

 53.8106, 0.2423,
0.3480

 74.8256, 0.3350,
0.3175


 52.9833, 0.2375,
0.3513

 74.9408, 0.3335,
0.3154

 52.4179, 0.2346,
0.3547

 75.0573, 0.3320,
0.3133

 52.0774, 0.2334,
0.3580

 75.1752, 0.3305,
0.3112

Harmonies

Analogous

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



65.7346, 0.3099, 0.3339



65.7346, 0.3061, 0.3301



65.7346, 0.3041, 0.3261

Triad

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



65.7346, 0.3061, 0.3301



65.7346, 0.3110, 0.3218



65.7346, 0.3211, 0.3352

Complementary

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



65.7346, 0.3061, 0.3301



61.8750, 0.3197, 0.3279

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.



65.7346, 0.3214, 0.3319



65.7346, 0.3061, 0.3301



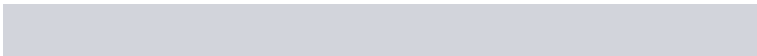
65.7346, 0.3155, 0.3242

Square

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



65.7346, 0.3061, 0.3301



65.7346, 0.3069, 0.3213



65.7346, 0.3194, 0.3279



65.7346, 0.3186, 0.3368

Rectangle

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



65.7346, 0.3061, 0.3301



65.7346, 0.3040, 0.3238



65.7346, 0.3194, 0.3279



65.7346, 0.3215, 0.3342

Sweetspot

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



65.7374, 0.3061, 0.3301



99.5035, 0.3113, 0.3292



65.4323, 0.3129, 0.3406



21.3031, 0.3114, 0.3292



0.0000, 0.0000, 0.0000



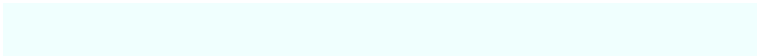
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7374, 0.3061, 0.3301



97.1170, 0.3042, 0.3304



63.7794, 0.3055, 0.3244



14.2713, 0.3034, 0.3306



31.4080, 0.2331, 0.3593



1.9006, 0.2315, 0.3535

Inverse Universe

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



61.8750, 0.3197, 0.3279



89.7661, 0.3219, 0.3276



63.7613, 0.3201, 0.3336



13.0970, 0.3228, 0.3274



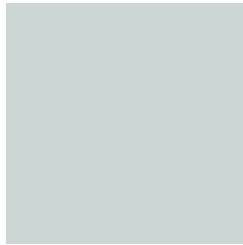
8.6806, 0.6281, 0.3234



0.5305, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 65.7346, 0.3061, 0.3301 looks on a white background.

Color Contrast Check

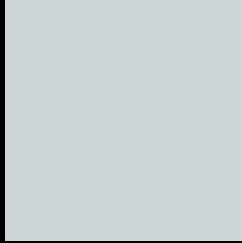
Large Text (above 18pt) WCAG AA × Fail

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 65.7346, 0.3061, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

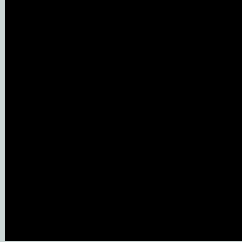
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

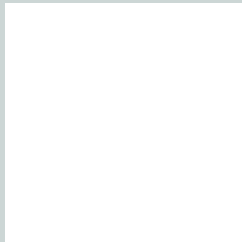
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7346, 0.3061, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 65.7346, 0.3061, 0.3301.

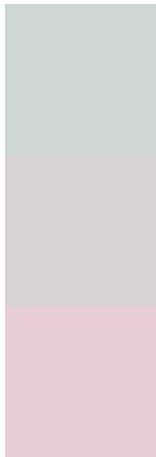


This preview shows how white text looks on a background with the Yxy color 65.7346, 0.3061, 0.3301.

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

65.7346, 0.3061, 0.3301

Protanopia

65.7388, 0.3157, 0.3290

Deuteranopia

65.5579, 0.3255, 0.3182



Tritanopia

65.8102, 0.2977, 0.3110

Trichromacy



Original Color

65.7346, 0.3061, 0.3301

Protanomaly

65.6893, 0.3120, 0.3290

Deuteranomaly

65.3389, 0.3183, 0.3224

Tritanomaly

65.8953, 0.3003, 0.3177

Monochromacy



Original Color

65.7346, 0.3061, 0.3301

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2503, 0.3098, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7346, 0.3061, 0.3301 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(204, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 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(204, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.7346, 0.3061, 0.3301 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(204, 214, 213) }
```

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

```
.border{ border-color:rgb(204, 214, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 214, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 214, 213); box-shadow:4px 4px 4px 4px rgb(204, 214, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7346, 0.3061, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 213) }
```

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

```
.background{ background-color: rgb(204,  
214, 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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