

Converting Colors

Yxy(66.3693, 0.3044, 0.3277)

Have a look what the booklet for
Yxy(66.3693, 0.3044, 0.3277)
contains.

Yxy(66.3961, 0.3041, 0.3278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.3961, 0.3041, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CCD7D8
RGB	204, 215, 216
RGB Percent	80%, 84%, 85%
CMY	0.2001, 0.1568, 0.1528
CMYK	0.06, 0.00, 0.00, 0.15
HSL	185°, 13%, 82%
HSV	185°, 6%, 85%
XYZ	61.5956, 66.3961, 74.5589
YIQ	211.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

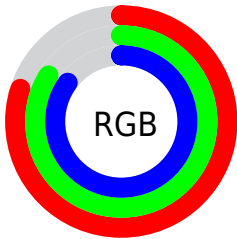
Format	Color
RYB	204, 210, 216
Decimal	13424600
CIELab	85.20, -3.51, -1.80
CIElCh	85, 3.947, 207.183
Yxy	66.3961, 0.3041, 0.3278
Android (android.graphics.Color)	4291614680 (0xFFCCD7D8)
YUV	211.8250, 2.0583, -6.8625
Hunter-Lab	81.4838, -7.6640, 2.7874

Details

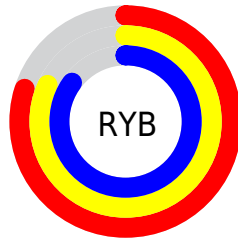
The Yxy color **66.3961, 0.3041, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6286, 0.3219, 0.3302**, and the grayscale version is **65.7061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1989, 0.3024, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **62.6221, 0.2891, 0.3255**, and if you desaturate by 10%, it is **70.6097, 0.3196, 0.3299**.

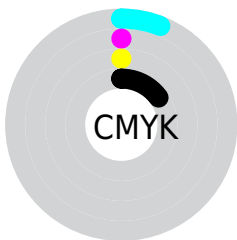
Distribution



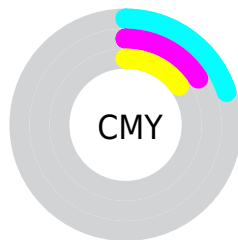
- Red (80%)
- Green (84%)
- Blue (85%)



- Red (80%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3961, 0.3041, 0.3278 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 66.3961, 0.3041, 0.3278 by changing the saturation by 10% instead.

■ 66.3961, 0.3041,
0.3278

■ 66.3961, 0.3041,
0.3278

447.7921, 0.3082,
0.3284

■ 48.5940, 0.3032,
0.3277

114.0547, 0.3055,
0.3280

■ 34.2975, 0.3020,
0.3275

144.6799, 0.3061,
0.3281

■ 23.1223, 0.3005,
0.3273

180.3484, 0.3065,
0.3282

■ 14.6838, 0.2985,
0.3269

221.4444, 0.3069,
0.3282

■ 8.5978, 0.2958,
0.3265

268.3524, 0.3073,
0.3283

■ 4.4798, 0.2917,
0.3258

321.4567, 0.3076,

■ 1.9454, 0.2850,

0.3283

381.1419, 0.3079,
0.3284

0.3247

0.5755, 0.2578,
0.3216

0.0000, 0.0000,
0.0000

66.3961, 0.3041,
0.3278

66.3961, 0.3041,
0.3278

62.6221, 0.2891,
0.3255

70.6097, 0.3196,
0.3299

59.2619, 0.2749,
0.3230

75.2708, 0.3353,
0.3318

56.2998, 0.2617,
0.3204

77.6882, 0.3409,
0.3336

53.7157, 0.2500,
0.3176

78.6640, 0.3406,
0.3355

■ 51.4879, 0.2399,
0.3147

■ 79.6504, 0.3403,
0.3373

■ 49.5924, 0.2316,
0.3118

■ 80.6477, 0.3400,
0.3391

■ 48.0020, 0.2252,
0.3089

■ 81.6557, 0.3397,
0.3410

■ 46.6852, 0.2207,
0.3059

■ 82.6745, 0.3394,
0.3428

■ 45.6032, 0.2180,
0.3031

■ 83.7041, 0.3392,
0.3446

Harmonies

Analogous

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



66.3961, 0.3073, 0.3322



66.3961, 0.3041, 0.3278



66.3961, 0.3032, 0.3238

Triad

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



66.3961, 0.3041, 0.3278



66.3961, 0.3135, 0.3224



66.3961, 0.3206, 0.3369

Complementary

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



66.3961, 0.3041, 0.3278



62.6286, 0.3219, 0.3302

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.



66.3961, 0.3223, 0.3342



66.3961, 0.3041, 0.3278



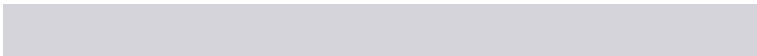
66.3961, 0.3182, 0.3258

Square

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



66.3961, 0.3041, 0.3278



66.3961, 0.3086, 0.3207



66.3961, 0.3214, 0.3301



66.3961, 0.3168, 0.3375

Rectangle

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



66.3961, 0.3041, 0.3278



66.3961, 0.3040, 0.3218



66.3961, 0.3214, 0.3301



66.3961, 0.3215, 0.3362

Sweetspot

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



66.3989, 0.3041, 0.3278



98.7683, 0.3096, 0.3286



66.3716, 0.3114, 0.3417



21.1534, 0.3097, 0.3286



0.0000, 0.0000, 0.0000



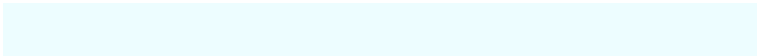
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3989, 0.3041, 0.3278



95.8027, 0.3018, 0.3275



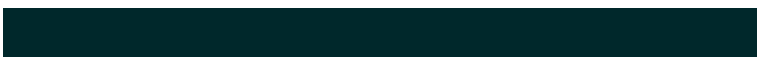
63.3959, 0.3042, 0.3209



14.0743, 0.3011, 0.3274



26.8044, 0.2173, 0.3022



1.6712, 0.2187, 0.3072

Inverse Universe

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



62.6862, 0.3141, 0.3166



89.0376, 0.3145, 0.3133



65.5576, 0.3214, 0.3370



13.0156, 0.3146, 0.3122



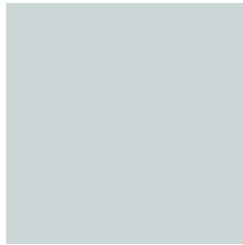
11.0508, 0.3435, 0.1666



0.6720, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 66.3961, 0.3041, 0.3278 looks on a white background.

Color Contrast Check

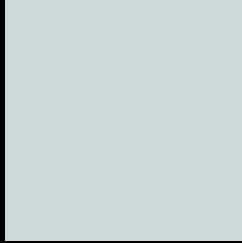
Large Text (above 18pt) WCAG AA × Fail

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 66.3961, 0.3041, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

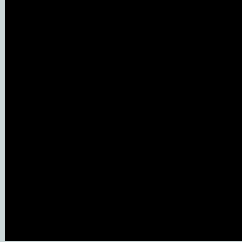
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

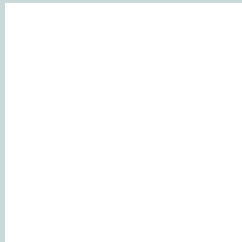
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3961, 0.3041, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 66.3961, 0.3041, 0.3278.

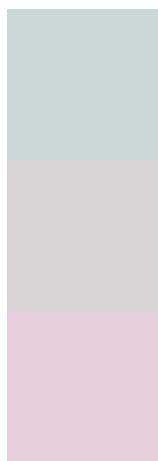


This preview shows how white text looks on a background with the Yxy color 66.3961, 0.3041, 0.3278.

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

66.3961, 0.3041, 0.3278

Protanopia

66.5409, 0.3143, 0.3268

Deuteranopia

66.1935, 0.3232, 0.3161



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.3961, 0.3041, 0.3278

Protanomaly

66.4918, 0.3106, 0.3267

Deuteranomaly

65.9828, 0.3161, 0.3202

Tritanomaly

66.5085, 0.2990, 0.3166

Monochromacy



Original Color

66.3961, 0.3041, 0.3278

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9479, 0.3098, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3961, 0.3041, 0.3278 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, 215, 216)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 216)  
}
```

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, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.3961, 0.3041, 0.3278 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, 215, 216) }
```

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

```
.border{ border-color:rgb(204, 215, 216) }
```

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

Here you see how a box with a 4 pixel rgb(204, 215, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3961, 0.3041, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 216) }
```

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

```
.background{ background-color: rgb(204,  
215, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor