

Converting Colors

$Yxy(66.0070, 0.2978, 0.3249)$

Have a look what the booklet for
Yxy(66.0070, 0.2978, 0.3249)
contains.

Yxy(66.2320, 0.2980, 0.3255)	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(66.2320, 0.2980, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C6D8DB
RGB	198, 216, 219
RGB Percent	78%, 85%, 86%
CMY	0.2234, 0.1530, 0.1412
CMYK	0.10, 0.01, 0.00, 0.14
HSL	189°, 23%, 82%
HSV	189°, 10%, 86%
XYZ	60.6364, 66.2320, 76.6094
YIQ	210.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

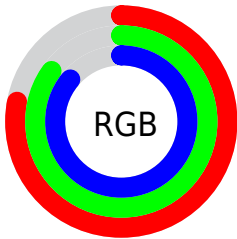
Format	Color
R _Y B	198, 208, 219
Decimal	13031643
CIE Lab	85.11, -5.41, -3.55
CIE LCh	85, 6.470, 213.263
Yxy	66.2320, 0.2980, 0.3255
Android (android.graphics.Color)	4291221723 (0xFFC6D8DB)
YUV	210.9600, 3.9637, -11.3659
Hunter-Lab	81.3830, -9.4247, 1.1559

Details

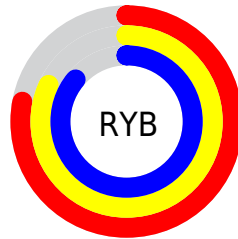
The Yxy color **66.2320, 0.2980, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9300, 0.3291, 0.3325**, and the grayscale version is **65.0972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0994, 0.2944, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **61.8760, 0.2831, 0.3215**, and if you desaturate by 10%, it is **71.0547, 0.3134, 0.3291**.

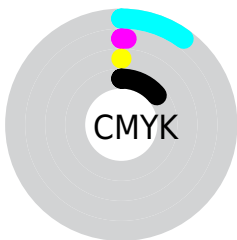
Distribution



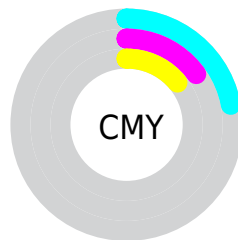
- Red (78%)
- Green (85%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2320, 0.2980, 0.3255 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 66.2320, 0.2980, 0.3255 by changing the saturation by 10% instead.

■ 66.2320, 0.2980,
0.3255

■ 66.2320, 0.2980,
0.3255

447.2061, 0.3049,
0.3272

■ 48.4608, 0.2964,
0.3251

113.8193, 0.3004,
0.3261

■ 34.1919, 0.2944,
0.3246

144.4041, 0.3013,
0.3263

■ 23.0411, 0.2919,
0.3239

180.0288, 0.3021,
0.3265

■ 14.6238, 0.2885,
0.3230

221.0780, 0.3028,
0.3267

■ 8.5558, 0.2838,
0.3218

267.9359, 0.3035,
0.3268

■ 4.4526, 0.2770,
0.3198

320.9869, 0.3040,

■ 1.9298, 0.2659,

0.3270

380.6156, 0.3045,
0.3271

0.3165

0.5662, 0.2211,
0.3082

0.0000, 0.0000,
0.0000

66.2320, 0.2980,
0.3255

66.2320, 0.2980,
0.3255

61.8760, 0.2831,
0.3215

71.0547, 0.3134,
0.3291

57.9597, 0.2689,
0.3172

76.3531, 0.3289,
0.3324

54.4661, 0.2558,
0.3126

80.4531, 0.3381,
0.3355

51.3737, 0.2440,
0.3078

82.1714, 0.3376,
0.3386

■ 48.6590, 0.2339,
0.3028

■ 83.9211, 0.3372,
0.3417

■ 46.2957, 0.2256,
0.2978

■ 85.7024, 0.3367,
0.3448

■ 44.2542, 0.2192,
0.2926

■ 87.5155, 0.3363,
0.3479

■ 42.4990, 0.2148,
0.2876

■ 89.3605, 0.3358,
0.3509

■ 40.9707, 0.2119,
0.2825

■ 91.2375, 0.3354,
0.3539

Harmonies

Analogous

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



66.2320, 0.3025, 0.3328



66.2320, 0.2980, 0.3255



66.2320, 0.2974, 0.3193

Triad

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



66.2320, 0.2980, 0.3255



66.2320, 0.3156, 0.3192



66.2320, 0.3246, 0.3424

Complementary

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



66.2320, 0.2980, 0.3255



60.9300, 0.3291, 0.3325

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.



66.2320, 0.3283, 0.3386



66.2320, 0.2980, 0.3255



66.2320, 0.3230, 0.3252

Square

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



66.2320, 0.2980, 0.3255



66.2320, 0.3075, 0.3157



66.2320, 0.3277, 0.3322



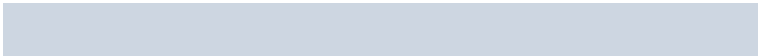
66.2320, 0.3178, 0.3427

Rectangle

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



66.2320, 0.2980, 0.3255



66.2320, 0.2993, 0.3165



66.2320, 0.3277, 0.3322



66.2320, 0.3263, 0.3415

Sweetspot

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



66.2348, 0.2980, 0.3255



97.8798, 0.3080, 0.3279



66.8847, 0.3097, 0.3502



20.8312, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



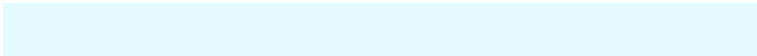
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2348, 0.2980, 0.3255



92.5227, 0.2957, 0.3249



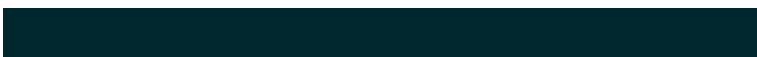
61.1322, 0.2979, 0.3135



14.4946, 0.2982, 0.3256



24.3790, 0.2120, 0.2831



1.6684, 0.2143, 0.2913

Inverse Universe

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



60.4197, 0.3160, 0.3089



83.1344, 0.3166, 0.3056



65.8844, 0.3278, 0.3440



13.2411, 0.3160, 0.3092



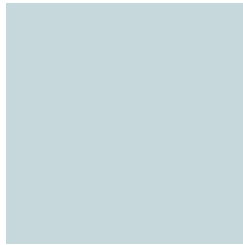
11.0848, 0.3606, 0.1760



0.7271, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 66.2320, 0.2980, 0.3255 looks on a white background.

Color Contrast Check

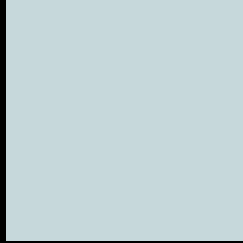
Large Text (above 18pt) WCAG AA × Fail

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 66.2320, 0.2980, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

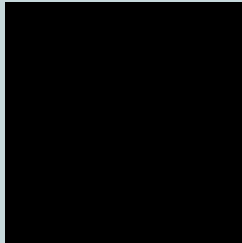
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

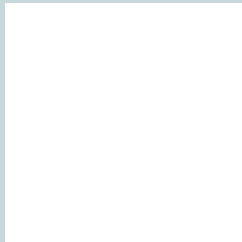
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2320, 0.2980, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 66.2320, 0.2980, 0.3255.

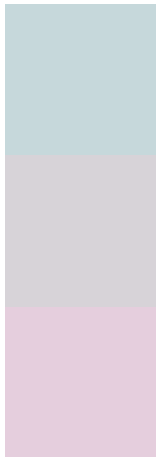


This preview shows how white text looks on a background with the Yxy color 66.2320, 0.2980, 0.3255.

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

66.2320, 0.2980, 0.3255

Protanopia

65.9935, 0.3122, 0.3234

Deuteranopia

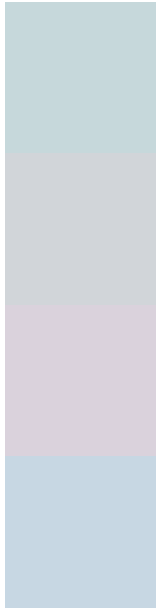
66.0211, 0.3195, 0.3128



Tritanopia

66.1420, 0.2917, 0.3098

Trichromacy



Original Color

66.2320, 0.2980, 0.3255

Protanomaly

66.1536, 0.3071, 0.3245

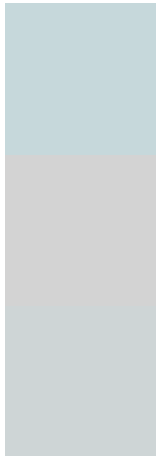
Deuteranomaly

66.1659, 0.3118, 0.3179

Tritanomaly

66.2890, 0.2936, 0.3153

Monochromacy



Original Color

66.2320, 0.2980, 0.3255

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5654, 0.3069, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2320, 0.2980, 0.3255 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(198, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 219)  
}
```

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(198, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.2320, 0.2980, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

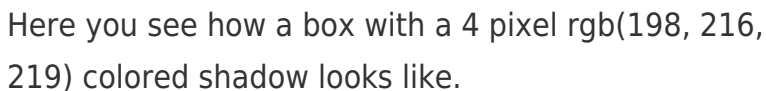
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 216, 219) }
```

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

```
.border{ border-color:rgb(198, 216, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 216, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 216, 219); box-shadow:4px 4px 4px 4px rgb(198, 216, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2320, 0.2980, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 219) }
```

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

```
.background{ background-color: rgb(198,  
216, 219) }
```

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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