

Converting Colors

$Yxy(66.2582, 0.2988, 0.3237)$

Have a look what the booklet for
Yxy(66.2582, 0.2988, 0.3237)
contains.

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Color

Yxy(66.0475, 0.2987, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7DC
RGB	200, 215, 220
RGB Percent	78%, 84%, 86%
CMY	0.2157, 0.1569, 0.1371
CMYK	0.09, 0.02, 0.00, 0.14
HSL	195°, 22%, 82%
HSV	195°, 9%, 86%
XYZ	61.0408, 66.0475, 77.2666
YIQ	211.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

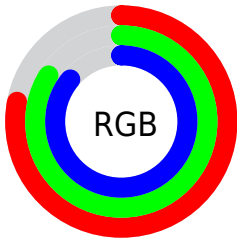
Format	Color
R _Y B	200, 209, 220
Decimal	13162460
CIE Lab	85.02, -4.05, -4.22
CIE LCh	85, 5.847, 226.164
Yxy	66.0475, 0.2987, 0.3232
Android (android.graphics.Color)	4291352540 (0xFFC8D7DC)
YUV	211.0850, 4.3951, -9.7215
Hunter-Lab	81.2696, -8.1522, 0.5191

Details

The Yxy color **66.0475, 0.2987, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0691, 0.3279, 0.3347**, and the grayscale version is **65.1784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9692, 0.2953, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **60.4674, 0.2834, 0.3162**, and if you desaturate by 10%, it is **72.1643, 0.3141, 0.3295**.

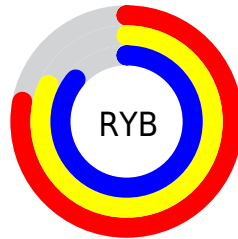
Distribution



Red (78%)

Green (84%)

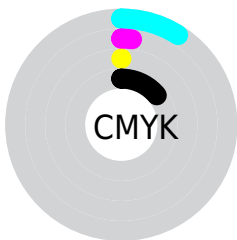
Blue (86%)



Red (78%)

Yellow (82%)

Blue (86%)

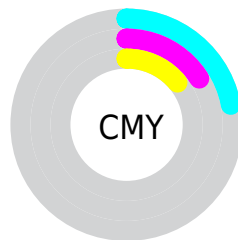


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0475, 0.2987, 0.3232 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 66.0475, 0.2987, 0.3232 by changing the saturation by 10% instead.

■ 66.0475, 0.2987,
0.3232

■ 66.0475, 0.2987,
0.3232

446.5467, 0.3053,
0.3260

■ 48.3110, 0.2972,
0.3225

113.5545, 0.3010,
0.3242

■ 34.0732, 0.2953,
0.3217

144.0938, 0.3019,
0.3246

■ 22.9498, 0.2928,
0.3207

179.6694, 0.3027,
0.3249

■ 14.5565, 0.2896,
0.3192

220.6658, 0.3033,
0.3252

■ 8.5087, 0.2852,
0.3173

267.4673, 0.3039,
0.3254

■ 4.4221, 0.2786,
0.3143

320.4584, 0.3044,

■ 1.9124, 0.2680,

0.3256

0.3092

380.0234, 0.3049,
0.3258

0.5558, 0.2278,
0.2948

0.0000, 0.0000,
0.0000

66.0475, 0.2987,
0.3232

66.0475, 0.2987,
0.3232

60.4674, 0.2834,
0.3162

72.1643, 0.3141,
0.3295

55.3962, 0.2686,
0.3086

78.8278, 0.3294,
0.3352

50.8159, 0.2545,
0.3004

83.9104, 0.3365,
0.3406

46.7040, 0.2415,
0.2918

87.0645, 0.3357,
0.3460

■ 43.0360, 0.2298,
0.2827

■ 90.3173, 0.3350,
0.3514

■ 39.7849, 0.2199,
0.2734

■ 93.6698, 0.3342,
0.3566

■ 36.9199, 0.2119,
0.2640

■ 97.1226, 0.3335,
0.3619

■ 34.4047, 0.2059,
0.2546

■ 97.9493, 0.3333,
0.3631

■ 32.1820, 0.2016,
0.2453

Harmonies

Analogous

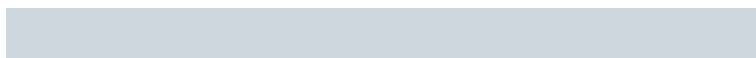
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0475, 0.3013, 0.3296



66.0475, 0.2987, 0.3232



66.0475, 0.2998, 0.3185

Triad

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



66.0475, 0.2987, 0.3232



66.0475, 0.3184, 0.3222



66.0475, 0.3211, 0.3417

Complementary

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



66.0475, 0.2987, 0.3232



63.0691, 0.3279, 0.3347

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.



66.0475, 0.3258, 0.3395



66.0475, 0.2987, 0.3232



66.0475, 0.3242, 0.3283

Square

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



66.0475, 0.2987, 0.3232



66.0475, 0.3111, 0.3180



66.0475, 0.3270, 0.3346



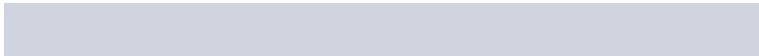
66.0475, 0.3142, 0.3404

Rectangle

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



66.0475, 0.2987, 0.3232



66.0475, 0.3025, 0.3168



66.0475, 0.3270, 0.3346



66.0475, 0.3230, 0.3413

Sweetspot

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



66.0503, 0.2987, 0.3232



97.3577, 0.3081, 0.3271



67.8931, 0.3084, 0.3464



20.6899, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



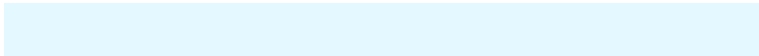
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0503, 0.2987, 0.3232



90.6485, 0.2957, 0.3219



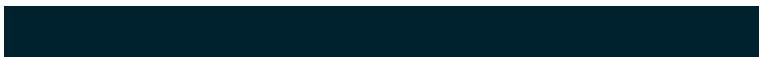
61.1139, 0.2986, 0.3116



14.2467, 0.2982, 0.3230



18.9541, 0.2017, 0.2459



1.3617, 0.2059, 0.2611

Inverse Universe

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



61.4347, 0.3174, 0.3123



82.9452, 0.3185, 0.3085



68.0063, 0.3268, 0.3458



13.2160, 0.3176, 0.3117



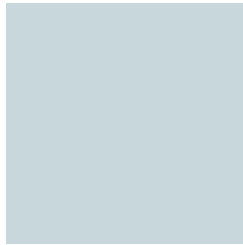
10.5372, 0.3963, 0.1957



0.6962, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 66.0475, 0.2987, 0.3232 looks on a white background.

Color Contrast Check

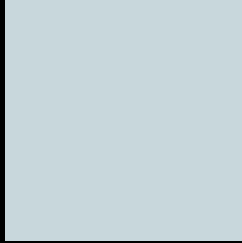
Large Text (above 18pt) WCAG AA × Fail

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 66.0475, 0.2987, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

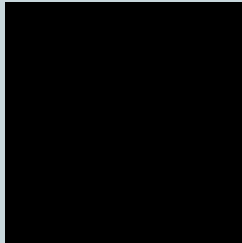
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

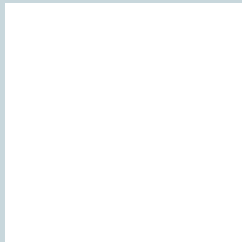
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0475, 0.2987, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 66.0475, 0.2987, 0.3232.



This preview shows how white text looks on a background with the Yxy color 66.0475, 0.2987, 0.3232.

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

66.0475, 0.2987, 0.3232

Protanopia

65.9466, 0.3101, 0.3212

Deuteranopia

65.9105, 0.3181, 0.3117



Tritanopia

65.8582, 0.2937, 0.3098

Trichromacy



Original Color

66.0475, 0.2987, 0.3232

Protanomaly

65.7567, 0.3058, 0.3211

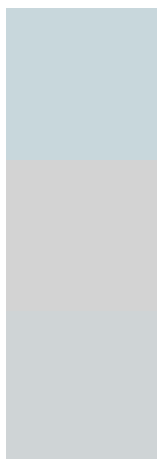
Deuteranomaly

65.7268, 0.3111, 0.3157

Tritanomaly

66.0016, 0.2956, 0.3154

Monochromacy



Original Color

66.0475, 0.2987, 0.3232

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2074, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0475, 0.2987, 0.3232 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(200, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 220)  
}
```

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(200, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 66.0475, 0.2987, 0.3232 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(200, 215, 220) }
```

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

```
.border{ border-color:rgb(200, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0475, 0.2987, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 220) }
```

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

```
.background{ background-color: rgb(200,  
215, 220) }
```

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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