

Converting Colors

$Yxy(66.8488, 0.2972, 0.3361)$

Have a look what the booklet for
Yxy(66.8488, 0.2972, 0.3361)
contains.

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Color

Yxy(66.6736, 0.2977, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	C0DBD5
RGB	192, 219, 213
RGB Percent	75%, 86%, 84%
CMY	0.2471, 0.1411, 0.1648
CMYK	0.12, 0.00, 0.03, 0.14
HSL	167°, 27%, 81%
HSV	167°, 12%, 86%
XYZ	59.0736, 66.6736, 72.6861
YIQ	210.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

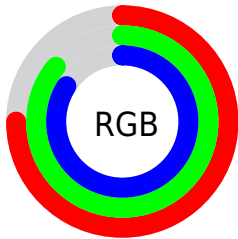
Format	Color
RYB	192, 207, 219
Decimal	12639189
CIELab	85.34, -10.11, -0.07
CIELCh	85, 10.107, 180.409
Yxy	66.6736, 0.2977, 0.3360
Android (android.graphics.Color)	4290829269 (0xFFC0DBD5)
YUV	210.2430, 1.3592, -15.9991
Hunter-Lab	81.6539, -13.7561, 4.3794

Details

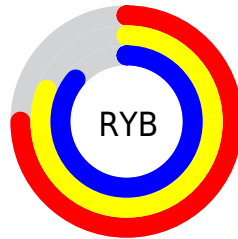
The Yxy color **66.6736, 0.2977, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8328, 0.3302, 0.3221**, and the grayscale version is **64.6133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **34.4228, 0.2941, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **63.7825, 0.2862, 0.3423**, and if you desaturate by 10%, it is **70.0032, 0.3098, 0.3303**.

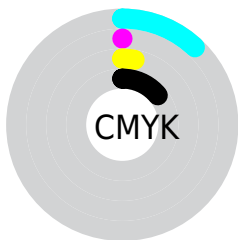
Distribution



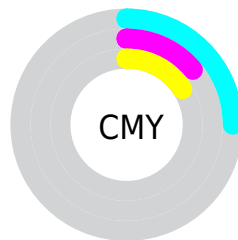
- Red (75%)
- Green (86%)
- Blue (84%)



- Red (75%)
- Yellow (81%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6736, 0.2977, 0.3360 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 66.6736, 0.2977, 0.3360 by changing the saturation by 10% instead.

■ 66.6736, 0.2977,
0.3360

■ 66.6736, 0.2977,
0.3360

448.7821, 0.3048,
0.3327

■ 48.8194, 0.2961,
0.3368

■ 114.4526, 0.3002,
0.3349

■ 34.4763, 0.2940,
0.3377

145.1462, 0.3011,
0.3344

■ 23.2597, 0.2914,
0.3389

180.8884, 0.3019,
0.3340

■ 14.7854, 0.2879,
0.3405

222.0636, 0.3027,
0.3337

■ 8.6689, 0.2831,
0.3427

269.0561, 0.3033,
0.3334

■ 4.5259, 0.2760,
0.3460

322.2505, 0.3038,

■ 1.9719, 0.2645,

0.3332

0.3514

382.0310, 0.3043,
0.3329

0.5910, 0.2026,
0.3802

0.0000, 0.0000,
0.0000

66.6736, 0.2977,
0.3360

66.6736, 0.2977,
0.3360

63.7825, 0.2862,
0.3423

70.0032, 0.3098,
0.3303

61.3026, 0.2756,
0.3491

73.7806, 0.3223,
0.3251

59.2167, 0.2661,
0.3565

77.5117, 0.3329,
0.3204

57.5028, 0.2581,
0.3642

77.7870, 0.3295,
0.3156

■ 56.1369, 0.2519,
0.3722

■ 78.0700, 0.3261,
0.3108

■ 55.0920, 0.2475,
0.3805

■ 78.3608, 0.3228,
0.3060

■ 54.3371, 0.2451,
0.3887

■ 78.6595, 0.3195,
0.3013

■ 53.8350, 0.2447,
0.3970

■ 78.9661, 0.3162,
0.2967

■ 53.5738, 0.2454,
0.4033

■ 79.1493, 0.3144,
0.2940

Harmonies

Analogous

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



66.6736, 0.3092, 0.3457



66.6736, 0.2977, 0.3360



66.6736, 0.2903, 0.3245

Triad

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



66.6736, 0.2977, 0.3360



66.6736, 0.3034, 0.3082



66.6736, 0.3372, 0.3429

Complementary

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



66.6736, 0.2977, 0.3360



56.8328, 0.3302, 0.3221

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.



66.6736, 0.3357, 0.3328



66.6736, 0.2977, 0.3360



66.6736, 0.3159, 0.3131

Square

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



66.6736, 0.2977, 0.3360



66.6736, 0.2935, 0.3087



66.6736, 0.3278, 0.3220



66.6736, 0.3321, 0.3496

Rectangle

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



66.6736, 0.2977, 0.3360



66.6736, 0.2886, 0.3175



66.6736, 0.3278, 0.3220



66.6736, 0.3375, 0.3398

Sweetspot

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



66.6764, 0.2977, 0.3360



97.9705, 0.3077, 0.3312



66.5198, 0.3157, 0.3608



20.8905, 0.3068, 0.3316



0.0000, 0.0000, 0.0000



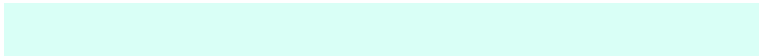
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6764, 0.2977, 0.3360



92.9149, 0.2944, 0.3377



63.3089, 0.2937, 0.3205



14.7772, 0.3012, 0.3343



31.7800, 0.2450, 0.4020



2.0714, 0.2413, 0.3886

Inverse Universe

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



56.8328, 0.3302, 0.3221



76.2095, 0.3348, 0.3205



59.8022, 0.3339, 0.3373



13.0989, 0.3257, 0.3238



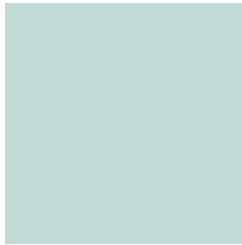
9.0748, 0.5999, 0.3079



0.6010, 0.5538, 0.2824

Previews

White Background



This preview shows how the Yxy color 66.6736, 0.2977, 0.3360 looks on a white background.

Color Contrast Check

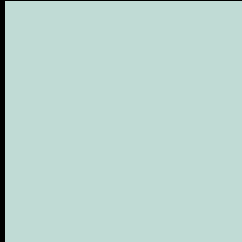
Large Text (above 18pt) WCAG AA × Fail

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 66.6736, 0.2977, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

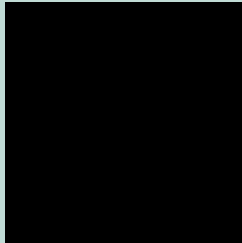
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

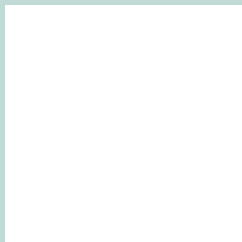
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6736, 0.2977, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 66.6736, 0.2977, 0.3360.



This preview shows how white text looks on a background with the Yxy color 66.6736, 0.2977, 0.3360.

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

66.6736, 0.2977, 0.3360

Protanopia

66.4421, 0.3185, 0.3324

Deuteranopia

66.2563, 0.3254, 0.3183



Tritanopia

66.7307, 0.2879, 0.3097

Trichromacy



Original Color

66.6736, 0.2977, 0.3360

Protanomaly

66.6639, 0.3110, 0.3347

Deuteranomaly

66.2465, 0.3144, 0.3246

Tritanomaly

66.7188, 0.2916, 0.3187

Monochromacy



Original Color

66.6736, 0.2977, 0.3360

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.9882, 0.3068, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6736, 0.2977, 0.3360 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(192, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 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(192, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.6736, 0.2977, 0.3360 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(192, 219, 213) }
```

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

```
.border{ border-color:rgb(192, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 219,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6736, 0.2977, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 213) }
```

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

```
.background{ background-color: rgb(192,  
219, 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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