

Converting Colors

Yxy(63.2626, 0.2972, 0.3310)

Have a look what the booklet for
Yxy(63.2626, 0.2972, 0.3310)
contains.

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Color

Yxy(63.2388, 0.2975, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BED5D3
RGB	190, 213, 211
RGB Percent	75%, 84%, 83%
CMY	0.2549, 0.1647, 0.1725
CMYK	0.11, 0.00, 0.01, 0.16
HSL	175°, 22%, 79%
HSV	175°, 11%, 84%
XYZ	56.7870, 63.2388, 70.8549
YIQ	205.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

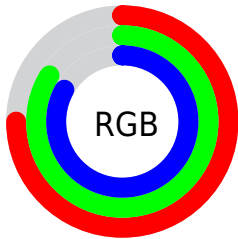
Format	Color
RYB	190, 202, 213
Decimal	12506579
CIELab	83.57, -8.05, -1.65
CIELCh	84, 8.217, 191.549
Yxy	63.2388, 0.2975, 0.3313
Android (android.graphics.Color)	4290696659 (0xFFBED5D3)
YUV	205.8950, 2.5168, -13.9399
Hunter-Lab	79.5228, -11.6986, 2.8385

Details

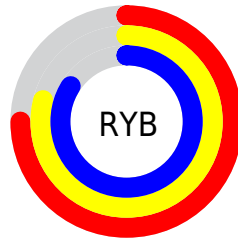
The Yxy color **63.2388, 0.2975, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7737, 0.3302, 0.3267**, and the grayscale version is **61.6417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **32.1223, 0.2929, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **60.6047, 0.2842, 0.3336**, and if you desaturate by 10%, it is **66.2800, 0.3116, 0.3292**.

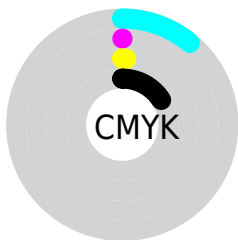
Distribution



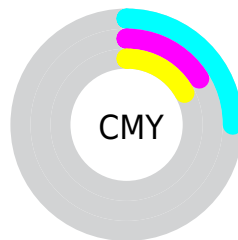
- Red (75%)
- Green (84%)
- Blue (83%)



- Red (75%)
- Yellow (79%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)




- Cyan (25%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2388, 0.2975, 0.3313 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 63.2388, 0.2975, 0.3313 by changing the saturation by 10% instead.

 63.2388, 0.2975,
0.3313

 63.2388, 0.2975,
0.3313


436.4356, 0.3047,
0.3303

 46.0344, 0.2958,
0.3315


 109.5140, 0.3000,
0.3309

 32.2730, 0.2937,
0.3318


139.3535, 0.3010,
0.3308

 21.5701, 0.2910,
0.3322


174.1736, 0.3018,
0.3307

 13.5414, 0.2874,
0.3327

214.3586, 0.3026,
0.3306

 7.8024, 0.2823,
0.3333

260.2929, 0.3032,
0.3305

 3.9688, 0.2748,
0.3343

312.3609, 0.3038,

 1.6561, 0.2623,

0.3304

370.9470, 0.3043,
0.3303

0.3357

0.3950, 0.1599,
0.3530

0.0000, 0.0000,
0.0000

63.2388, 0.2975,
0.3313

63.2388, 0.2975,
0.3313

60.6047, 0.2842,
0.3336

66.2800, 0.3116,
0.3292

58.3526, 0.2719,
0.3362


69.7368, 0.3261,
0.3272


56.4664, 0.2610,
0.3388


73.6270, 0.3408,
0.3255


54.9261, 0.2516,
0.3416

73.9326, 0.3403,
0.3237

 53.7095, 0.2441,
0.3445

 74.0294, 0.3390,
0.3218


 52.7921, 0.2384,
0.3475


 74.1274, 0.3377,
0.3200

 52.1457, 0.2346,
0.3504

 74.2264, 0.3363,
0.3181

 51.7367, 0.2327,
0.3533

 74.3264, 0.3350,
0.3163

 51.5157, 0.2322,
0.3560

 74.4276, 0.3337,
0.3145

Harmonies

Analogous

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



63.2388, 0.3060, 0.3402



63.2388, 0.2975, 0.3313



63.2388, 0.2930, 0.3220

Triad

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



63.2388, 0.2975, 0.3313



63.2388, 0.3087, 0.3128



63.2388, 0.3320, 0.3431

Complementary

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



63.2388, 0.2975, 0.3313



54.7737, 0.3302, 0.3267

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.



63.2388, 0.3328, 0.3355



63.2388, 0.2975, 0.3313



63.2388, 0.3193, 0.3182

Square

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



63.2388, 0.2975, 0.3313



63.2388, 0.2994, 0.3115



63.2388, 0.3281, 0.3265



63.2388, 0.3260, 0.3469

Rectangle

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



63.2388, 0.2975, 0.3313



63.2388, 0.2929, 0.3168



63.2388, 0.3281, 0.3265



63.2388, 0.3329, 0.3409

Sweetspot

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



63.2415, 0.2975, 0.3313



98.5355, 0.3084, 0.3296



62.5531, 0.3131, 0.3567



21.0089, 0.3072, 0.3298



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.



63.2415, 0.2975, 0.3313



94.0633, 0.2943, 0.3318



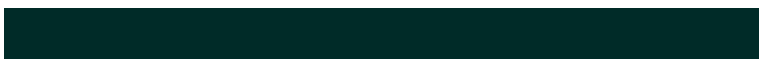
58.8404, 0.2961, 0.3180



14.0886, 0.2994, 0.3310



31.4737, 0.2321, 0.3556



1.9039, 0.2307, 0.3505

Inverse Universe

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



54.7737, 0.3302, 0.3267



78.8432, 0.3346, 0.3262



58.8012, 0.3306, 0.3398



12.4380, 0.3278, 0.3270



8.6748, 0.6298, 0.3243



0.5294, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 63.2388, 0.2975, 0.3313 looks on a white background.

Color Contrast Check

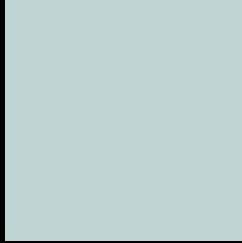
Large Text (above 18pt) WCAG AA × Fail

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 63.2388, 0.2975, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

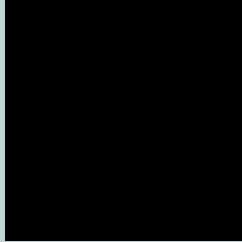
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

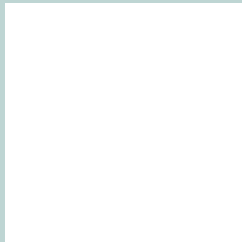
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2388, 0.2975, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.2388, 0.2975, 0.3313.

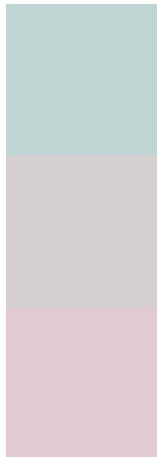


This preview shows how white text looks on a background with the Yxy color 63.2388, 0.2975, 0.3313.

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

63.2388, 0.2975, 0.3313

Protanopia

63.1768, 0.3158, 0.3279

Deuteranopia

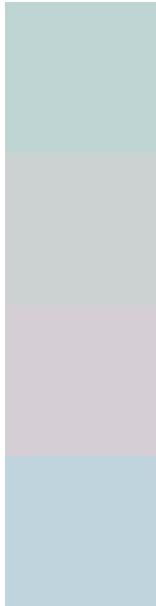
63.2139, 0.3233, 0.3169



Tritanopia

63.4720, 0.2893, 0.3105

Trichromacy



Original Color

63.2388, 0.2975, 0.3313

Protanomaly

63.0417, 0.3090, 0.3290

Deuteranomaly

63.0422, 0.3138, 0.3222

Tritanomaly

63.5139, 0.2925, 0.3185

Monochromacy



Original Color

63.2388, 0.2975, 0.3313

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4344, 0.3067, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2388, 0.2975, 0.3313 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(190, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(190, 213, 211)  
}
```

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(190, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 213, 211) }
```

Border

The CSS property to change the border of an element to Yxy 63.2388, 0.2975, 0.3313 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(190, 213, 211) }
```

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

```
.border{ border-color:rgb(190, 213, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(190, 213,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2388, 0.2975, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 213, 211) }
```

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

```
.background{ background-color: rgb(190,  
213, 211) }
```

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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