

Converting Colors

$Yxy(62.8064, 0.2961, 0.3325)$

Have a look what the booklet for
Yxy(62.8064, 0.2961, 0.3325)
contains.

Yxy(62.8064, 0.2961, 0.3325)	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(62.8064, 0.2961, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	BBD5D2
RGB	187, 213, 210
RGB Percent	73%, 84%, 82%
CMY	0.2665, 0.1647, 0.1764
CMYK	0.12, 0.00, 0.01, 0.16
HSL	173°, 24%, 78%
HSV	173°, 12%, 84%
XYZ	55.9308, 62.8064, 70.1543
YIQ	204.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

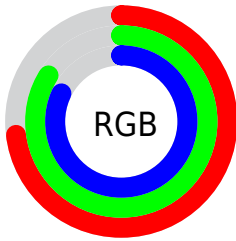
Format	Color
R _Y B	187, 201, 213
Decimal	12309970
CIE Lab	83.34, -9.20, -1.46
CIE LCh	83, 9.314, 189.045
Yxy	62.8064, 0.2961, 0.3325
Android (android.graphics.Color)	4290500050 (0xFFBBD5D2)
YUV	204.8840, 2.5222, -15.6843
Hunter-Lab	79.2505, -12.7126, 2.9905

Details

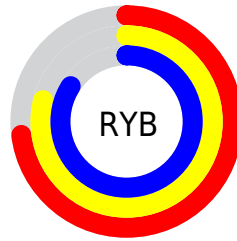
The Yxy color **62.8064, 0.2961, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4267, 0.3322, 0.3255**, and the grayscale version is **60.9704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.9224, 0.2919, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **60.1969, 0.2833, 0.3357**, and if you desaturate by 10%, it is **65.8214, 0.3097, 0.3296**.

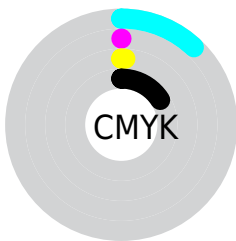
Distribution



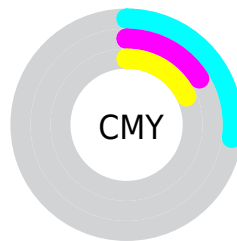
- Red (73%)
- Green (84%)
- Blue (82%)



- Red (73%)
- Yellow (79%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8064, 0.2961, 0.3325 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 62.8064, 0.2961, 0.3325 by changing the saturation by 10% instead.

 62.8064, 0.2961,
0.3325

 62.8064, 0.2961,
0.3325


434.8665, 0.3040,
0.3309

 45.6846, 0.2943,
0.3329

 108.8902, 0.2989,
0.3319

 31.9970, 0.2919,
0.3333


138.6209, 0.2999,
0.3317

 21.3592, 0.2890,
0.3339

173.3234, 0.3009,
0.3315

 13.3868, 0.2850,
0.3347

213.3821, 0.3016,
0.3314

 7.6955, 0.2795,
0.3357

259.1814, 0.3023,
0.3312

 3.9007, 0.2712,
0.3373

311.1056, 0.3029,

 1.6182, 0.2574,

0.3311

369.5392, 0.3035,
0.3310

0.3397

0.3698, 0.1267,
0.3691

0.0000, 0.0000,
0.0000

62.8064, 0.2961,
0.3325

62.8064, 0.2961,
0.3325

60.1969, 0.2833,
0.3357

65.8214, 0.3097,
0.3296

57.9677, 0.2715,
0.3391


69.2505, 0.3237,
0.3270


56.1025, 0.2610,
0.3427


73.1118, 0.3380,
0.3246


54.5810, 0.2521,
0.3465

74.0005, 0.3393,
0.3222

 53.3808, 0.2450,
0.3504


 74.1310, 0.3375,
0.3197


 52.4768, 0.2398,
0.3544


 74.2633, 0.3357,
0.3173


 51.8404, 0.2365,
0.3584

 74.3975, 0.3340,
0.3149

 51.4369, 0.2350,
0.3624

 74.5337, 0.3322,
0.3124

 51.2375, 0.2349,
0.3655

 74.6718, 0.3305,
0.3100

Harmonies

Analogous

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



62.8064, 0.3060, 0.3424



62.8064, 0.2961, 0.3325



62.8064, 0.2906, 0.3218

Triad

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



62.8064, 0.2961, 0.3325



62.8064, 0.3072, 0.3103



62.8064, 0.3350, 0.3443

Complementary

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



62.8064, 0.2961, 0.3325



53.4267, 0.3322, 0.3255

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.



62.8064, 0.3354, 0.3355



62.8064, 0.2961, 0.3325



62.8064, 0.3192, 0.3161

Square

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



62.8064, 0.2961, 0.3325



62.8064, 0.2969, 0.3092



62.8064, 0.3295, 0.3253



62.8064, 0.3285, 0.3492

Rectangle

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



62.8064, 0.2961, 0.3325



62.8064, 0.2901, 0.3157



62.8064, 0.3295, 0.3253



62.8064, 0.3358, 0.3417

Sweetspot

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



62.8090, 0.2961, 0.3325



98.0413, 0.3071, 0.3301



62.1313, 0.3135, 0.3605



20.9085, 0.3061, 0.3303



0.0000, 0.0000, 0.0000



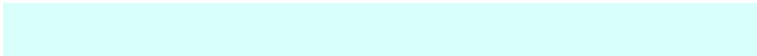
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8090, 0.2961, 0.3325



93.1737, 0.2922, 0.3334



58.1094, 0.2939, 0.3170



14.0822, 0.2998, 0.3317



31.3109, 0.2347, 0.3649



1.8957, 0.2328, 0.3581

Inverse Universe

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



53.4267, 0.3322, 0.3255



75.9850, 0.3378, 0.3247



57.6653, 0.3331, 0.3407



12.4438, 0.3273, 0.3264



8.6903, 0.6252, 0.3218



0.5321, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 62.8064, 0.2961, 0.3325 looks on a white background.

Color Contrast Check

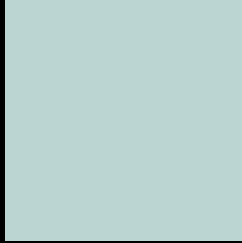
Large Text (above 18pt) WCAG AA × Fail

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 62.8064, 0.2961, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

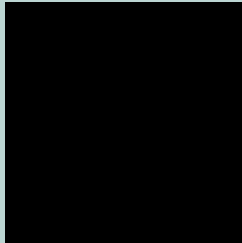
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

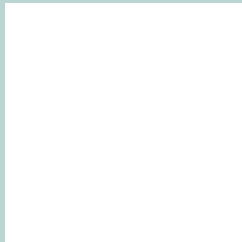
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8064, 0.2961, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.8064, 0.2961, 0.3325.

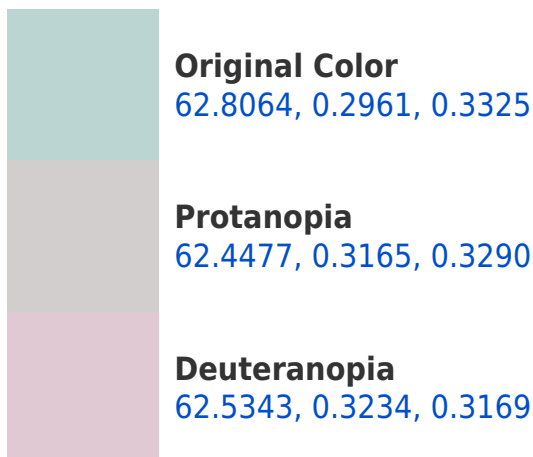


This preview shows how white text looks on a background with the Yxy color 62.8064, 0.2961, 0.3325.

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





Tritanopia

62.5864, 0.2873, 0.3092

Trichromacy



Original Color

62.8064, 0.2961, 0.3325

Protanomaly

62.6625, 0.3089, 0.3313

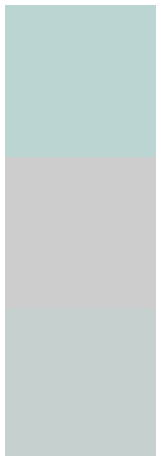
Deuteranomaly

62.2147, 0.3130, 0.3222

Tritanomaly

62.6278, 0.2904, 0.3172

Monochromacy



Original Color

62.8064, 0.2961, 0.3325

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6225, 0.3060, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8064, 0.2961, 0.3325 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(187, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 210)  
}
```

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(187, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 210) }
```

Border

The CSS property to change the border of an element to Yxy 62.8064, 0.2961, 0.3325 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(187, 213, 210) }
```

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

```
.border{ border-color:rgb(187, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8064, 0.2961, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 210) }
```

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

```
.background{ background-color: rgb(187,  
213, 210) }
```

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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