

Converting Colors

$Yxy(62.2025, 0.2987, 0.3314)$

Have a look what the booklet for
Yxy(62.2025, 0.2987, 0.3314)
contains.

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Color

Yxy(62.1391, 0.2988, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	BED3D1
RGB	190, 211, 209
RGB Percent	75%, 83%, 82%
CMY	0.2548, 0.1726, 0.1803
CMYK	0.10, 0.00, 0.01, 0.17
HSL	174°, 19%, 79%
HSV	174°, 10%, 83%
XYZ	56.0434, 62.1391, 69.3790
YIQ	204.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

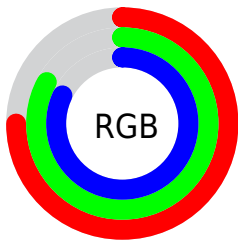
Format	Color
RYB	190, 201, 211
Decimal	12506065
CIELab	82.99, -7.39, -1.43
CIELCh	83, 7.533, 190.976
Yxy	62.1391, 0.2988, 0.3313
Android (android.graphics.Color)	4290696145 (0xFFBED3D1)
YUV	204.4930, 2.2220, -12.7104
Hunter-Lab	78.8284, -11.0443, 2.9971

Details

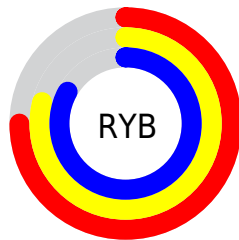
The Yxy color $62.1391, 0.2988, 0.3313$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.4877, 0.3286, 0.3267$, and the grayscale version is $60.7068, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3328, 0.3072, 0.3290$, and $31.4619, 0.2954, 0.3305$ is the 20% darker color. If you saturate the color by 10%, you get $59.5207, 0.2855, 0.3338$, and if you desaturate by 10%, it is $65.1573, 0.3128, 0.3290$.

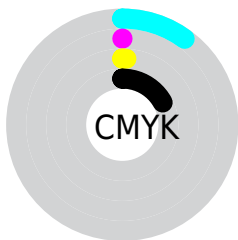
Distribution



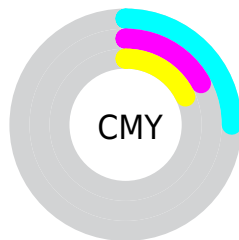
- Red (75%)
- Green (83%)
- Blue (82%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)





- Cyan (25%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1391, 0.2988, 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 62.1391, 0.2988, 0.3313 by changing the saturation by 10% instead.


 62.1391, 0.2988,
0.3313

 62.1391, 0.2988,
0.3313

432.4383, 0.3054,
0.3302

 45.1451, 0.2972,
0.3315

 107.9265, 0.3011,
0.3309

 31.5717, 0.2953,
0.3318


137.4888, 0.3020,
0.3308

 21.0346, 0.2928,
0.3322


172.0092, 0.3028,
0.3307

 13.1493, 0.2894,
0.3327

211.8723, 0.3035,
0.3306

 7.5314, 0.2848,
0.3334

257.4623, 0.3040,
0.3305

 3.7966, 0.2777,
0.3344

309.1637, 0.3046,

 1.5605, 0.2659,

0.3304

367.3609, 0.3050,
0.3303

0.3359

0.3307, 0.1447,
0.3576

0.0000, 0.0000,
0.0000

62.1391, 0.2988,
0.3313

62.1391, 0.2988,
0.3313

59.5207, 0.2855,
0.3338

65.1573, 0.3128,
0.3290

57.2774, 0.2732,
0.3366

68.5832, 0.3272,
0.3269

55.3937, 0.2623,
0.3395

72.4344, 0.3418,
0.3250

53.8503, 0.2528,
0.3425


72.8550, 0.3417,
0.3230


 52.6256, 0.2451,
0.3457

 72.9587, 0.3402,
0.3210

 51.6958, 0.2393,
0.3489


 73.0637, 0.3388,
0.3191

 51.0339, 0.2355,
0.3521

 73.1699, 0.3373,
0.3171

 50.6076, 0.2335,
0.3553

 73.2773, 0.3359,
0.3151

 50.3586, 0.2329,
0.3585

 73.3860, 0.3344,
0.3131

Harmonies

Analogous

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



62.1391, 0.3067, 0.3394



62.1391, 0.2988, 0.3313



62.1391, 0.2946, 0.3227

Triad

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



62.1391, 0.2988, 0.3313



62.1391, 0.3089, 0.3140



62.1391, 0.3306, 0.3419

Complementary

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



62.1391, 0.2988, 0.3313



54.4877, 0.3286, 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.



62.1391, 0.3312, 0.3349



62.1391, 0.2988, 0.3313



62.1391, 0.3186, 0.3189

Square

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



62.1391, 0.2988, 0.3313



62.1391, 0.3003, 0.3128



62.1391, 0.3268, 0.3265



62.1391, 0.3251, 0.3455

Rectangle

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



62.1391, 0.2988, 0.3313



62.1391, 0.2944, 0.3179



62.1391, 0.3268, 0.3265



62.1391, 0.3314, 0.3398

Sweetspot

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



62.1417, 0.2988, 0.3313



98.5317, 0.3084, 0.3297



61.5275, 0.3131, 0.3544



21.0079, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



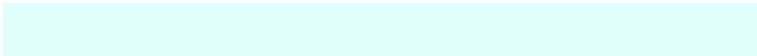
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1417, 0.2988, 0.3313



94.4676, 0.2958, 0.3318



58.1780, 0.2974, 0.3189



13.3872, 0.2995, 0.3312



30.3994, 0.2328, 0.3580



1.7055, 0.2312, 0.3522

Inverse Universe

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



54.4877, 0.3286, 0.3267



80.3477, 0.3325, 0.3262



58.1424, 0.3290, 0.3389



11.8260, 0.3276, 0.3268



8.3946, 0.6285, 0.3236



0.4757, 0.5960, 0.3057

Previews

White Background



This preview shows how the Yxy color 62.1391, 0.2988, 0.3313 looks on a white background.

Color Contrast Check

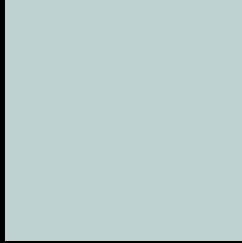
Large Text (above 18pt) WCAG AA × Fail

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 62.1391, 0.2988, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

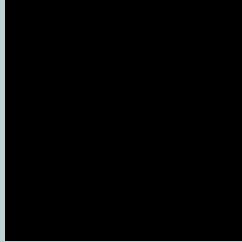
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

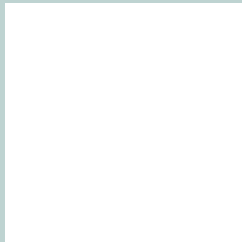
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1391, 0.2988, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.1391, 0.2988, 0.3313.

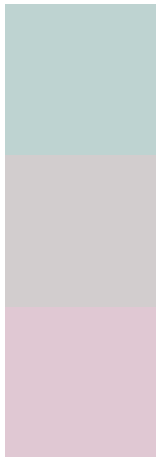


This preview shows how white text looks on a background with the Yxy color 62.1391, 0.2988, 0.3313.

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

62.1391, 0.2988, 0.3313

Protanopia

61.8205, 0.3158, 0.3279

Deuteranopia

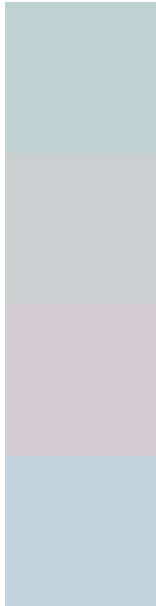
61.8590, 0.3234, 0.3168



Tritanopia

62.3746, 0.2905, 0.3104

Trichromacy



Original Color

62.1391, 0.2988, 0.3313

Protanomaly

61.8272, 0.3097, 0.3290

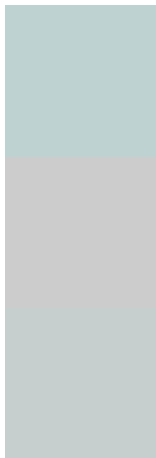
Deuteranomaly

61.8359, 0.3146, 0.3222

Tritanomaly

62.4141, 0.2937, 0.3184

Monochromacy



Original Color

62.1391, 0.2988, 0.3313

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.2240, 0.3074, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1391, 0.2988, 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, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 209)  
}
```

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, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.1391, 0.2988, 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, 211, 209) }
```

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

```
.border{ border-color:rgb(190, 211, 209) }
```

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

Here you see how a box with a 4 pixel rgb(190, 211, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1391, 0.2988, 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, 211, 209) }
```

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

```
.background{ background-color: rgb(190,  
211, 209) }
```

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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