

Converting Colors

Yxy(62.2042, 0.3047, 0.3434)

Have a look what the booklet for
Yxy(62.2042, 0.3047, 0.3434)
contains.

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Color

Yxy(62.2042, 0.3047, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	BED4C8
RGB	190, 212, 200
RGB Percent	75%, 83%, 78%
CMY	0.2551, 0.1686, 0.2157
CMYK	0.10, 0.00, 0.06, 0.17
HSL	147°, 20%, 79%
HSV	147°, 10%, 83%
XYZ	55.1940, 62.2042, 63.7439
YIQ	204.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

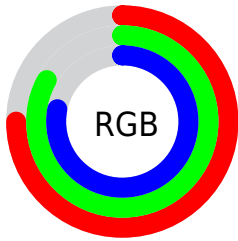
Format	Color
RYB	190, 205, 212
Decimal	12506312
CIELab	83.02, -9.67, 3.42
CIELCh	83, 10.259, 160.544
Yxy	62.2042, 0.3047, 0.3434
Android (android.graphics.Color)	4290696392 (0xFFBED4C8)
YUV	204.0540, -1.9986, -12.3254
Hunter-Lab	78.8696, -13.1052, 7.2895

Details

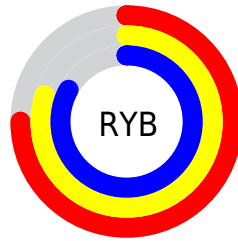
The Yxy color **62.2042, 0.3047, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0653, 0.3216, 0.3150**, and the grayscale version is **60.4328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **31.5076, 0.3032, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **59.1540, 0.2972, 0.3589**, and if you desaturate by 10%, it is **65.6975, 0.3124, 0.3295**.

Distribution



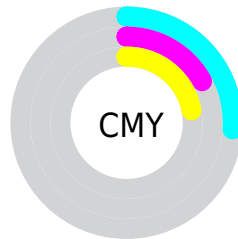
- Red (75%)
- Green (83%)
- Blue (78%)



- Red (75%)
- Yellow (80%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)





- Cyan (26%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2042, 0.3047, 0.3434 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 62.2042, 0.3047, 0.3434 by changing the saturation by 10% instead.


 62.2042, 0.3047,
0.3434

 62.2042, 0.3047,
0.3434

432.6756, 0.3086,
0.3365

 45.1977, 0.3038,
0.3451


 108.0206, 0.3061,
0.3409

 31.6132, 0.3026,
0.3471


137.5993, 0.3066,
0.3400

 21.0662, 0.3011,
0.3498


172.1376, 0.3070,
0.3392

 13.1724, 0.2991,
0.3535

212.0197, 0.3074,
0.3385

 7.5474, 0.2962,
0.3587

257.6302, 0.3078,
0.3379

 3.8067, 0.2918,
0.3667

309.3534, 0.3081,

 1.5660, 0.2842,

0.3374

367.5737, 0.3083,
0.3369

0.3806

0.3345, 0.1511,
0.6175

0.0000, 0.0000,
0.0000

62.2042, 0.3047,
0.3434

62.2042, 0.3047,
0.3434

59.1540, 0.2972,
0.3589

65.6975, 0.3124,
0.3295

56.5211, 0.2901,
0.3761

69.6428, 0.3201,
0.3172

54.2887, 0.2838,
0.3948

74.0588, 0.3277,
0.3064

52.4361, 0.2785,
0.4148

75.0199, 0.3207,
0.2954

■ 50.9406, 0.2746,
0.4358

■ 75.5763, 0.3147,
0.2871

■ 49.7770, 0.2724,
0.4572

■ 48.9164, 0.2722,
0.4784

■ 48.3248, 0.2739,
0.4988

■ 47.9526, 0.2769,
0.5169

Harmonies

Analogous

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



62.2042, 0.3178, 0.3505



62.2042, 0.3047, 0.3434



62.2042, 0.2939, 0.3322

Triad

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



62.2042, 0.3047, 0.3434



62.2042, 0.2957, 0.3071



62.2042, 0.3379, 0.3367

Complementary

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



62.2042, 0.3047, 0.3434



55.0653, 0.3216, 0.3150

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.



62.2042, 0.3318, 0.3254



62.2042, 0.3047, 0.3434



62.2042, 0.3073, 0.3086

Square

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



62.2042, 0.3047, 0.3434



62.2042, 0.2888, 0.3113



62.2042, 0.3205, 0.3152



62.2042, 0.3371, 0.3463

Rectangle

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



62.2042, 0.3047, 0.3434



62.2042, 0.2894, 0.3242



62.2042, 0.3205, 0.3152



62.2042, 0.3366, 0.3330

Sweetspot

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



62.2068, 0.3047, 0.3434



98.3126, 0.3104, 0.3330



63.3801, 0.3205, 0.3551



20.9487, 0.3097, 0.3341



0.0000, 0.0000, 0.0000



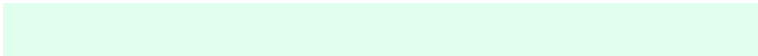
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2068, 0.3047, 0.3434



93.6248, 0.3034, 0.3459



62.7353, 0.2975, 0.3303



13.9892, 0.3055, 0.3420



29.6174, 0.2762, 0.5143



1.8030, 0.2669, 0.4808

Inverse Universe

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



55.0653, 0.3216, 0.3150



81.1406, 0.3232, 0.3126



54.5668, 0.3302, 0.3278



12.5327, 0.3207, 0.3164



9.4310, 0.4761, 0.2397



0.5855, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 62.2042, 0.3047, 0.3434 looks on a white background.

Color Contrast Check

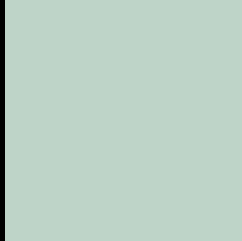
Large Text (above 18pt) WCAG AA × Fail

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 62.2042, 0.3047, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

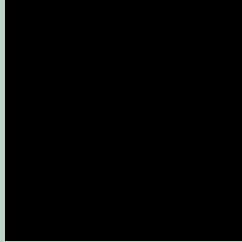
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

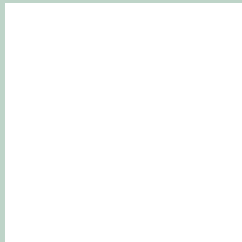
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2042, 0.3047, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 62.2042, 0.3047, 0.3434.

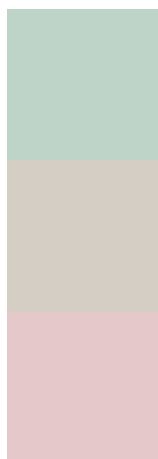


This preview shows how white text looks on a background with the Yxy color 62.2042, 0.3047, 0.3434.

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

62.2042, 0.3047, 0.3434

Protanopia

62.1252, 0.3245, 0.3406

Deuteranopia

62.0668, 0.3334, 0.3268



Tritanopia

62.0173, 0.2912, 0.3093

Trichromacy



Original Color

62.2042, 0.3047, 0.3434

Protanomaly

61.9803, 0.3174, 0.3419

Deuteranomaly

61.6989, 0.3226, 0.3325

Tritanomaly

61.8963, 0.2963, 0.3207

Monochromacy



Original Color

62.2042, 0.3047, 0.3434

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0796, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2042, 0.3047, 0.3434 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, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 200)  
}
```

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, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.2042, 0.3047, 0.3434 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, 212, 200) }
```

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

```
.border{ border-color:rgb(190, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2042, 0.3047, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 200) }
```

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

```
.background{ background-color: rgb(190,  
212, 200) }
```

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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