

Converting Colors

$Yxy(62.1954, 0.3686, 0.3324)$

Have a look what the booklet for
Yxy(62.1954, 0.3686, 0.3324)
contains.

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Color

Yxy(62.1524, 0.3686, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBC
RGB	255, 191, 188
RGB Percent	100%, 75%, 74%
CMY	0.0001, 0.2509, 0.2627
CMYK	0.00, 0.25, 0.26, 0.00
HSL	3°, 100%, 87%
HSV	3°, 26%, 100%
XYZ	68.9418, 62.1524, 55.9428
YIQ	209.7940, 39.1070, 12.6350

Conversions

Conversions Part 2

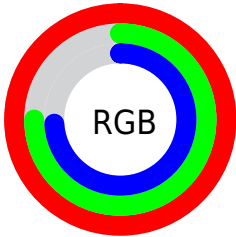
Format	Color
R _Y B	255, 191, 188
Decimal	16760764
CIE Lab	82.99, 22.55, 10.49
CIE LCh	83, 24.869, 24.959
Yxy	62.1524, 0.3686, 0.3323
Android (android.graphics.Color)	4294950844 (0xFFFFBFBC)
YUV	209.7940, -10.7444, 39.6457
Hunter-Lab	78.8368, 18.1318, 13.1134

Details

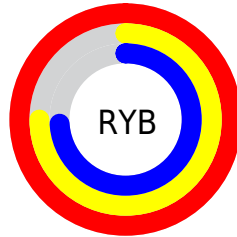
The Yxy color **62.1524, 0.3686, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5108, 0.2739, 0.3257**, and the grayscale version is **64.3604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9265, 0.3196, 0.3329**, and **31.5109, 0.3828, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **51.3969, 0.3996, 0.3336**, and if you desaturate by 10%, it is **74.8738, 0.3435, 0.3310**.

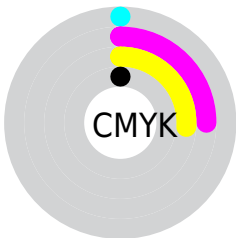
Distribution



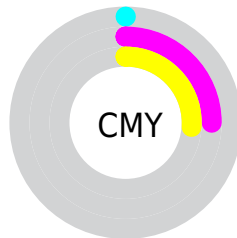
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1524, 0.3686, 0.3323 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 62.1524, 0.3686, 0.3323 by changing the saturation by 10% instead.


 62.1524, 0.3686,
0.3323

 62.1524, 0.3686,
0.3323


432.4868, 0.3417,
0.3313

 45.1559, 0.3750,
0.3324


 107.9458, 0.3591,
0.3321

 31.5802, 0.3830,
0.3324


137.5114, 0.3554,
0.3319

 21.0411, 0.3933,
0.3324

172.0354, 0.3523,
0.3318

 13.1540, 0.4072,
0.3320

211.9024, 0.3496,
0.3317

 7.5347, 0.4267,
0.3311

257.4966, 0.3473,
0.3316

 3.7987, 0.4560,
0.3288

309.2025, 0.3452,

 1.5616, 0.5049,

0.3315

0.3229

367.4044, 0.3434,
0.3314

0.3315, 0.7231,
0.2769

0.0000, 0.0000,
0.0000

62.1524, 0.3686,
0.3323

62.1524, 0.3686,
0.3323

51.3969, 0.3996,
0.3336

74.8738, 0.3435,
0.3310

42.5011, 0.4370,
0.3349

89.6429, 0.3233,
0.3297

35.3622, 0.4805,
0.3358

99.9956, 0.3127,
0.3290

29.8637, 0.5277,
0.3361

■ 25.8753, 0.5734,
0.3356

■ 23.2466, 0.6106,
0.3342

■ 21.7965, 0.6330,
0.3321

■ 21.5056, 0.6379,
0.3317

Harmonies

Analogous

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



62.1524, 0.3457, 0.3070



62.1524, 0.3686, 0.3323



62.1524, 0.3756, 0.3580

Triad

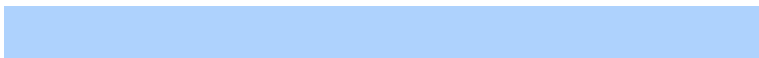
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1524, 0.3686, 0.3323



62.1524, 0.3087, 0.3761



62.1524, 0.2621, 0.2800

Complementary

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



62.1524, 0.3686, 0.3323



87.5108, 0.2739, 0.3257

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.



62.1524, 0.2535, 0.2954



62.1524, 0.3686, 0.3323



62.1524, 0.2795, 0.3519

Square

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



62.1524, 0.3686, 0.3323



62.1524, 0.3401, 0.3855



62.1524, 0.2597, 0.3216



62.1524, 0.2838, 0.2776

Rectangle

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



62.1524, 0.3686, 0.3323



62.1524, 0.3703, 0.3724



62.1524, 0.2597, 0.3216



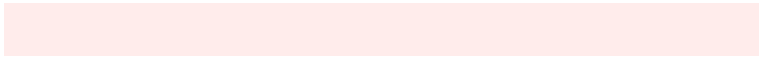
62.1524, 0.2576, 0.2838

Sweetspot

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



62.1553, 0.3686, 0.3323



86.9481, 0.3265, 0.3299



64.3003, 0.3174, 0.2654



18.1178, 0.3293, 0.3301



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.



62.1553, 0.3686, 0.3323



55.7634, 0.3856, 0.3331



78.0497, 0.3601, 0.3655



18.1178, 0.3293, 0.3301



11.2954, 0.6370, 0.3324



1.1438, 0.6297, 0.3382

Inverse Universe

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



87.5108, 0.2739, 0.3257



85.3525, 0.2663, 0.3249



68.7091, 0.2704, 0.2895



20.3332, 0.2980, 0.3279



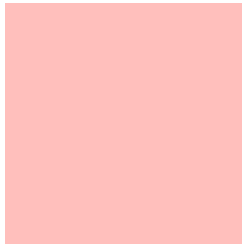
37.4975, 0.2208, 0.3149



3.6926, 0.2213, 0.3166

Previews

White Background



This preview shows how the Yxy color 62.1524, 0.3686, 0.3323 looks on a white background.

Color Contrast Check

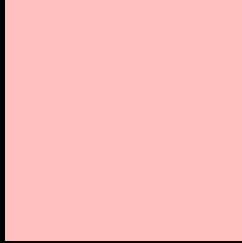
Large Text (above 18pt) WCAG AA × Fail

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 62.1524, 0.3686, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

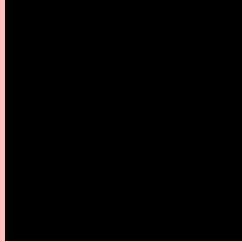
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1524, 0.3686, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 62.1524, 0.3686, 0.3323.

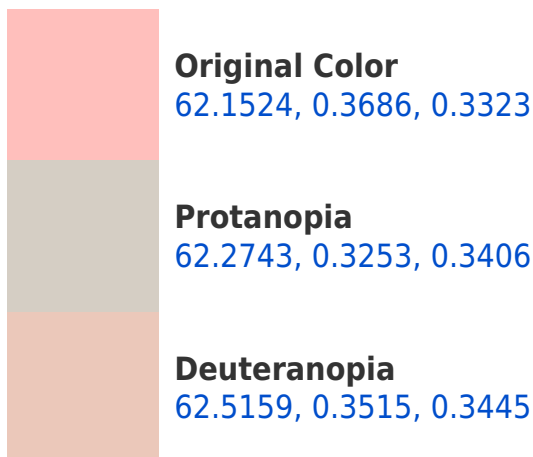


This preview shows how white text looks on a background with the Yxy color 62.1524, 0.3686, 0.3323.

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

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

62.1524, 0.3686, 0.3323

Protanomaly

62.1175, 0.3401, 0.3380

Deuteranomaly

62.3976, 0.3571, 0.3399

Tritanomaly

62.1641, 0.3605, 0.3208

Monochromacy



Original Color

62.1524, 0.3686, 0.3323

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1449, 0.3314, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1524, 0.3686, 0.3323 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(255, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 188)  
}
```

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(255, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.1524, 0.3686, 0.3323 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(255, 191, 188) }
```

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

```
.border{ border-color:rgb(255, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 188); box-shadow:4px 4px 4px 4px rgb(255, 191, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1524, 0.3686, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 188) }
```

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

```
.background{ background-color: rgb(255,  
191, 188) }
```

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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