

Converting Colors

$Yxy(64.2775, 0.3917, 0.3365)$

Have a look what the booklet for
Yxy(64.2775, 0.3917, 0.3365)
contains.

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Color

Yxy(60.5626, 0.3754, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB5
RGB	255, 188, 181
RGB Percent	100%, 74%, 71%
CMY	0.0000, 0.2627, 0.2901
CMYK	0.00, 0.26, 0.29, 0.00
HSL	6°, 100%, 85%
HSV	6°, 29%, 100%
XYZ	67.5637, 60.5626, 51.8517
YIQ	207.2350, 42.1790, 12.0270

Conversions

Conversions Part 2

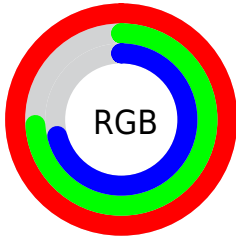
Format	Color
R _Y B	255, 189, 181
Decimal	16759989
CIE Lab	82.14, 23.20, 13.03
CIE LCh	82, 26.611, 29.318
Yxy	60.5626, 0.3754, 0.3365
Android (android.graphics.Color)	4294950069 (0xFFFFBCB5)
YUV	207.2350, -12.9339, 41.8899
Hunter-Lab	77.8220, 18.7823, 14.9713

Details

The Yxy color **60.5626, 0.3754, 0.3365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1826, 0.2698, 0.3213**, and the grayscale version is **62.6229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0758, 0.3242, 0.3358**, and **30.4790, 0.3923, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **50.5236, 0.4071, 0.3392**, and if you desaturate by 10%, it is **72.3770, 0.3494, 0.3338**.

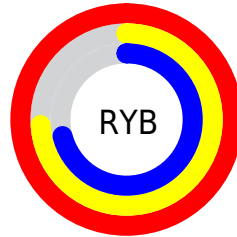
Distribution



Red (100%)

Green (74%)

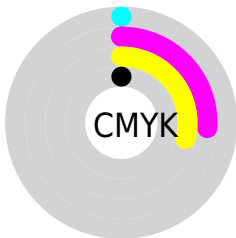
Blue (71%)



Red (100%)

Yellow (74%)

Blue (71%)

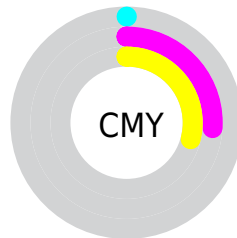


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5626, 0.3754, 0.3365 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 60.5626, 0.3754, 0.3365 by changing the saturation by 10% instead.


 60.5626, 0.3754,
0.3365

 60.5626, 0.3754,
0.3365


426.6684, 0.3451,
0.3336

 43.8723, 0.3826,
0.3370


 105.6454, 0.3646,
0.3356

 30.5701, 0.3917,
0.3375


134.8066, 0.3605,
0.3353

 20.2717, 0.4035,
0.3379


168.8935, 0.3570,
0.3349

 12.5927, 0.4193,
0.3382

208.2906, 0.3540,
0.3346

 7.1487, 0.4415,
0.3380

253.3823, 0.3514,
0.3343

 3.5553, 0.4749,
0.3363

304.5529, 0.3490,

 1.4280, 0.5367,

0.3341

362.1868, 0.3470,
0.3339

0.3340

0.2372, 0.7695,
0.2305

0.0000, 0.0000,
0.0000

60.5626, 0.3754,
0.3365

60.5626, 0.3754,
0.3365

50.5236, 0.4071,
0.3392

72.3770, 0.3494,
0.3338

42.1662, 0.4448,
0.3416

86.0378, 0.3283,
0.3312

35.4007, 0.4879,
0.3432

99.9994, 0.3127,
0.3290

30.1259, 0.5338,
0.3436

■ 26.2285, 0.5774,
0.3422

■ 23.5794, 0.6120,
0.3390

■ 22.0206, 0.6329,
0.3348

■ 21.9168, 0.6344,
0.3345

Harmonies

Analogous

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



60.5626, 0.3527, 0.3090



60.5626, 0.3754, 0.3365



60.5626, 0.3801, 0.3638

Triad

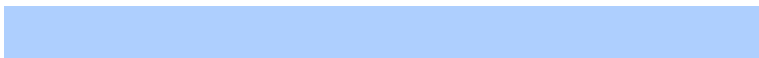
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5626, 0.3754, 0.3365



60.5626, 0.3034, 0.3771



60.5626, 0.2608, 0.2750

Complementary

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



60.5626, 0.3754, 0.3365



84.1826, 0.2698, 0.3213

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.



60.5626, 0.2495, 0.2894



60.5626, 0.3754, 0.3365



60.5626, 0.2730, 0.3491

Square

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



60.5626, 0.3754, 0.3365



60.5626, 0.3374, 0.3899



60.5626, 0.2537, 0.3162



60.5626, 0.2858, 0.2746

Rectangle

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



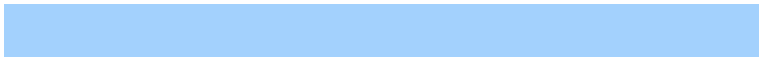
60.5626, 0.3754, 0.3365



60.5626, 0.3725, 0.3785



60.5626, 0.2537, 0.3162



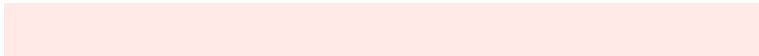
60.5626, 0.2554, 0.2783

Sweetspot

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



60.5654, 0.3754, 0.3365



86.0595, 0.3283, 0.3312



61.1419, 0.3208, 0.2620



17.9695, 0.3311, 0.3316



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.



60.5654, 0.3754, 0.3365



54.3479, 0.3936, 0.3381



77.9992, 0.3649, 0.3731



18.2630, 0.3292, 0.3313



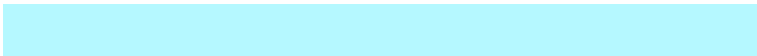
11.5439, 0.6329, 0.3357



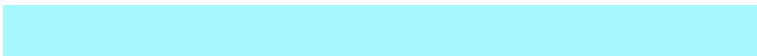
1.2124, 0.6189, 0.3468

Inverse Universe

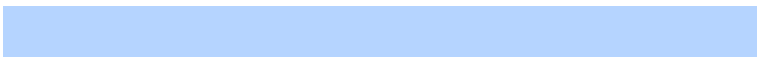
The Inverse Universe completely reimagines the original color for something new.



84.1826, 0.2698, 0.3213



81.5554, 0.2619, 0.3195



64.0523, 0.2653, 0.2804



20.1705, 0.2980, 0.3267



33.7264, 0.2164, 0.2990



3.3657, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 60.5626, 0.3754, 0.3365 looks on a white background.

Color Contrast Check

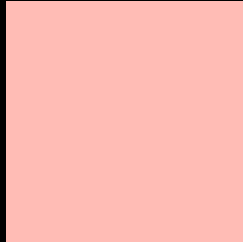
Large Text (above 18pt) WCAG AA × Fail

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 60.5626, 0.3754, 0.3365 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 60.5626, 0.3754, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 60.5626, 0.3754, 0.3365.



This preview shows how white text looks on a background with the Yxy color 60.5626, 0.3754, 0.3365.

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

60.5626, 0.3754, 0.3365

Protanopia

60.8569, 0.3299, 0.3465

Deuteranopia

60.6796, 0.3569, 0.3491



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.5626, 0.3754, 0.3365

Protanomaly

60.4273, 0.3461, 0.3426

Deuteranomaly

60.7561, 0.3636, 0.3444

Tritanomaly

60.6509, 0.3654, 0.3229

Monochromacy



Original Color

60.5626, 0.3754, 0.3365

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2331, 0.3332, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5626, 0.3754, 0.3365 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, 188, 181)` looks like.

```
.text, #text, p{  
  color:rgb(255, 188, 181)  
}
```

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, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 181) }
```

Border

The CSS property to change the border of an element to Yxy 60.5626, 0.3754, 0.3365 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, 188, 181) }
```

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

```
.border{ border-color:rgb(255, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5626, 0.3754, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 181) }
```

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

```
.background{ background-color: rgb(255,  
188, 181) }
```

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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