

Converting Colors

XYZ(67.6296, 60.6862, 51.8921)

Have a look what the booklet for
XYZ(67.6296, 60.6862, 51.8921)
contains.

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Color

**XYZ(67.5637, 60.5626,
51.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB5
RGB	255, 188, 181
RGB Percent	100%, 74%, 71%
CMY	0.0000, 0.2627, 0.2902
CMYK	0.00, 0.26, 0.29, 0.00
HSL	6°, 100%, 85%
HSV	6°, 29%, 100%
XYZ	67.5637, 60.5626, 51.8448
YIQ	207.2350, 42.1790, 12.0270

Conversions

Conversions Part 2

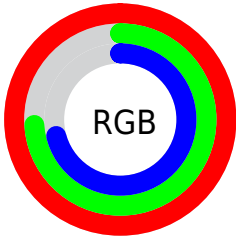
Format	Color
R _Y B	255, 189, 181
Decimal	16759989
CIE Lab	82.14, 23.20, 13.04
CIE LCh	82, 26.614, 29.331
Yxy	60.5626, 0.3754, 0.3365
Android (android.graphics.Color)	4294950069 (0xFFFFBCB5)
YUV	207.2350, -12.9339, 41.8899
Hunter-Lab	77.8220, 18.7822, 14.9765

Details

The XYZ color **67.5637, 60.5626, 51.8448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6723, 84.1757, 107.1305**, and the grayscale version is **59.5227, 62.6225, 68.1959**.

A 20% lighter version of the original color is **88.8767, 92.0758, 93.2089**, and **35.4473, 30.4790, 24.4368** is the 20% darker color. If you saturate the color by 10%, you get **60.6393, 50.5249, 37.7878**, and if you desaturate by 10%, it is **75.7588, 72.3751, 68.6892**.

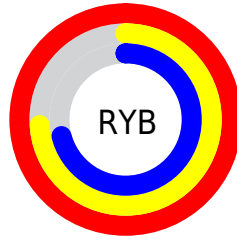
Distribution



Red (100%)

Green (74%)

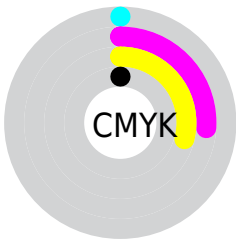
Blue (71%)



Red (100%)

Yellow (74%)

Blue (71%)

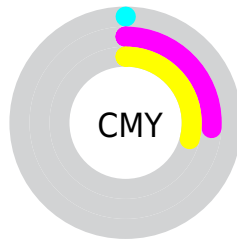


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5637, 60.5626, 51.8448 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 XYZ color 67.5637, 60.5626, 51.8448 by changing the saturation by 10% instead.


 67.5637, 60.5626,
51.8448

 67.5637, 60.5626,
51.8448


441.3496,
426.6684, 410.7770

 49.8152, 43.8723,
36.5000


 114.7731,
105.6454, 94.3266

 35.4838, 30.5701,
24.5279


144.9648,
134.8066, 122.3006

 24.2041, 20.2717,
15.5098


180.0349,
168.8935, 155.3215

 15.6106, 12.5927,
9.0274

220.3488,
208.2906, 193.8077

 9.3381, 7.1487,
4.6620

266.2719,
253.3823, 238.1778

 5.0213, 3.5553,
1.9951

318.1695,

 2.2946, 1.4280,

304.5529, 288.8504

0.5523

376.4069,
362.1868, 346.2440

■ 0.7919, 0.2372,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5637, 60.5626,
51.8448

■ 67.5637, 60.5626,
51.8448

■ 60.6393, 50.5249,
37.7878

■ 75.7588, 72.3751,
68.6892

■ 54.9177, 42.1684,
26.3644

■ 85.2793, 86.0336,
88.4564

■ 50.3311, 35.4035,
17.4114

95.0500, 100.0000,
108.9000

■ 46.8034, 30.1287,
10.7460

■ 44.2490, 26.2312,
6.1599

■ 42.5685, 23.5817,
3.4068

■ 41.6321, 22.0223,
2.1283

■ 41.5695, 21.9190,
2.0398

Harmonies

Analogous

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



69.1245, 60.5626, 66.3065



67.5637, 60.5626, 51.8448



63.2845, 60.5626, 42.6368

Triad

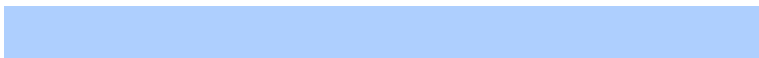
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5637, 60.5626, 51.8448



48.7147, 60.5626, 51.3104



57.4361, 60.5626, 102.2052

Complementary

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



67.5637, 60.5626, 51.8448



70.6723, 84.1757, 107.1305

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.



52.1971, 60.5626, 96.4892



67.5637, 60.5626, 51.8448



47.3683, 60.5626, 65.5796

Square

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



67.5637, 60.5626, 51.8448



52.4033, 60.5626, 42.3656



48.6012, 60.5626, 82.3886



63.0506, 60.5626, 96.9584

Rectangle

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



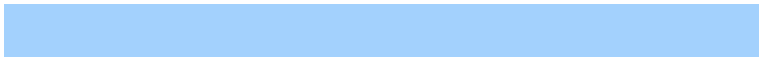
67.5637, 60.5626, 51.8448



59.5979, 60.5626, 39.8478



48.6012, 60.5626, 82.3886



55.5748, 60.5626, 101.4893

Sweetspot

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



67.5652, 60.5654, 51.8460



85.2988, 86.0615, 88.4970



74.8371, 61.1375, 97.3428



17.9428, 17.9700, 18.2862



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.5652, 60.5654, 51.8460



63.2745, 54.3529, 43.1125



76.2813, 77.9975, 54.7514



18.1476, 18.2634, 18.7130



21.7668, 11.5448, 1.0811



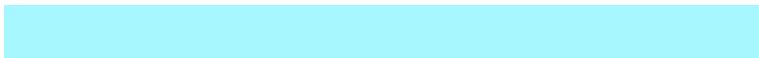
2.1636, 1.2126, 0.1200

Inverse Universe

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



70.6723, 84.1757, 107.1305



66.8472, 81.5474, 106.8247



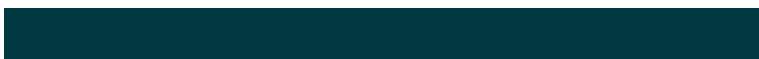
60.6084, 64.0480, 103.7758



18.3992, 20.1701, 23.1734



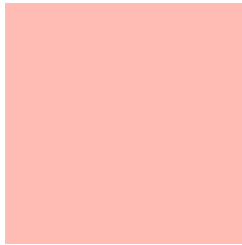
24.4030, 33.7157, 54.6562



2.4171, 3.3648, 5.3354

Previews

White Background



This preview shows how the XYZ color 67.5637, 60.5626, 51.8448 looks on a white background.

Color Contrast Check

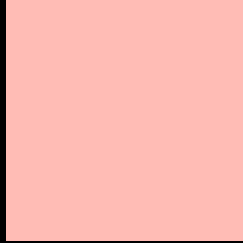
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.5637, 60.5626, 51.8448 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](#).

XYZ 67.5637, 60.5626, 51.8448

Background



This preview shows how black text looks on a background with the XYZ color 67.5637, 60.5626, 51.8448.



This preview shows how white text looks on a background with the XYZ color 67.5637, 60.5626,

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

67.5637, 60.5626, 51.8448

Protanopia

57.9296, 60.8569, 56.8375

Deuteranopia

62.0346, 60.6796, 51.0906



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

67.5637, 60.5626, 51.8448

Protanomaly

61.0519, 60.4273, 54.9002

Deuteranomaly

64.1480, 60.7561, 51.5262

Tritanomaly

68.6360, 60.6509, 58.5414

Monochromacy



Original Color

67.5637, 60.5626, 51.8448

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.5878, 61.2331, 61.9992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5637, 60.5626, 51.8448 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 XYZ 67.5637, 60.5626, 51.8448 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 XYZ 67.5637, 60.5626, 51.8448 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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